

<400> 3231

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accagccccg	gcgacgtcga	gctctgctga	gggcttcagg	tgtgcaagg	atcgatcggg	180
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ctgggctttg	gtgcagacta	gggtgtggatt	tgagctctgt	gatctatgtc	tgctgcctgg	1920
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tgtttgctaa	tgtttaattt	tgcatcataa	tttctacatt	gtccctgagt	gtcagaacta	2340
taatttattc	cattttctctc	tgtgtctgtg	ccaagaaacg	caggctctgg	gcctgcccct	2400
tgcccaggag	gccttgccag	cctgtgtgct	tgtgggaaca	cctgttacct	gagcttacag	2460
gtaccaataa	agaggcttta	tttttaaaaa	aaaaa			2495

<210> 3232

<211> 958

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(53)

<223> similar to gi2828710 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3232

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ggagggtgtga	gccccaaagg	ctggaccacg	aaatgggacg	tcggtcacat	gatactgaag	180
aagaaagcag	aagcaagaga	aaaaagaaac	accgtagacg	gtcctcctcg	agcagttctt	240
cagatagtag	aacatacagc	cgaaagaaag	gaggaaggaa	atcaagatca	aagtcaagat	300
cttggtccag	agatcttcag	cctcgttcac	attcttatga	tagaagacgc	aggcatcgat	360
caagcagtag	ctcttcttat	ggctccagaa	ggaaacgaag	tcgaagtcgt	tcaaggggtc	420
gagggaaatc	ctatagagtt	cagaggtcta	ggtaaaaaag	cagaacaaga	aggtccaggt	480
caagacctcg	tctccgttct	catagtcgta	gcagtgaag	gtccagtcac	agaagaacgc	540
gtagtcggtc	tcgggataga	gaacgacgta	agggcagaga	taaagagaaa	agagaaaagg	600
agaaggataa	aggaaggac	aaggaattac	ataacatcaa	acgtggggaa	tctggaaaca	660
tcaaagctgg	attagaacat	ctgccaccag	ctgaacaggc	caaagccaga	ctacagctgg	720
ttcttgaaagc	tgctgcaaaa	gctgatgaag	cattgaaagc	caaagaaaga	aatgaggaag	780
aagcaaagag	aagaaaggag	gaagaccaag	ccaccctggt	agaacaagta	aaaagagtaa	840
aagaaattga	agctattgaa	agtgattctt	ttgttcagca	gacattcaga	tcaagtaaag	900
aagtcaaaaa	gtcagtgga	cctaattggag	tgaacaggc	acctttaaca	tcaggacg	958

<210> 3233

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (71)...(651)

<223> similar to gi5732634 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3233

tttcgtgcaa	agaaaactgt	gagagagaga	atttttaaaa	agcagctggg	gcctgaggtt	60
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tgtcagagcc	cctgtgtac	tgtaacctgg	tgaccttcg	ccgtgtcct	cggtccccac	180
ccccaggccc	tgcatgcccc	ctgctgcaga	ggctggatgc	ctgggagcag	cacctggacc	240
ccaactctgg	acgtgtcttc	tacataaatt	cactgactgg	ctgcaagtcc	tggaagcccc	300
cgcgccgcag	tcgcagcgag	acgaaccctg	gctccatgga	ggggacacag	accctgaaga	360
ggaacaatga	tgtcctgcaa	cctcaggcaa	agggcttcag	atctgacaca	gggacccccag	420
aaccgcttga	cccacagggg	tcactcagcc	tcagccaacg	cacctcgag	cttgaccctc	480
cagccttgca	ggccccctga	cctctgccgc	agctcctgga	cgacccccat	gtgaacctcc	540
catttctttg	tgaaggccaa	gatcctccct	gccccccctc	cccccttttc	ctgctccaca	600
taaacatctt	cctctttctg	aatatcctcc	taccagccc	tccccagca	actttaaggg	660
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tacagatccc	attccctcca	cttccccag				748



<210> 3234  
 <211> 1938  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (183)...(985)  
 <223> similar to gil93527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3234

cgaaaaggag	gtcctgtctt	cggggagaaa	cattctaaat	cacctgccct	ctcttcctgg	60
ggggaccag	tcctgtctgaa	gacagatgtg	ccattgagct	cagcagaaga	ggcagagtgc	120
cactgggcag	acacagagct	gaaccgtcgc	cgccggcgct	tctgcagcaa	agttgagggc	180
tatggaagt	tatgcagctg	caaggacccc	acacccatcg	agttcagccc	tgacccactc	240
ccagacaaca	aggtcctcaa	tgtgcctgtg	gctgtcattg	cagggaaaccg	acccaattac	300
ctgtacagga	tgctgcgctc	tctgctttca	gcccaggggg	tgtctcctca	gatgataaca	360
gttttcattg	acggctacta	tgaggaaccc	atggatgtgg	tggcactggt	tggtctgagg	420
ggcatccagc	atactcccat	cagcatcaag	aatgcccgcg	tgtctcagca	ctacaaggcc	480
agcctcactg	ccactttcaa	cctgtttccg	gaggccaagt	ttgctgtggt	tctggaagag	540
gacctggaca	ttgctgtgga	ttttttcagt	ttcctgagcc	aatccatcca	cctactggag	600
gaggatgaca	gcctgtactg	catctctgcc	tggaatgacc	aggggtatga	acacacggct	660
gaggaccag	cactactgta	ccgtgtggag	accatgcctg	ggctgggctg	ggtgctcagg	720
aggtccttgt	acaaggagga	gcttgagccc	aagtggccta	caccggaaaa	gctctgggat	780
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gtttcccgat	cctaccactt	tggtatcgct	ggcctcaaca	tgaatggcta	ctttcacgag	900
gcctacttca	agaagcacia	gttcaacacg	gttcagggtg	tccagctcag	gaatgtggac	960
agtctgaaga	aagaagctta	tgaagtggaa	gttcacaggc	tgctcagtga	ggctgagggt	1020
ctggaccaca	gcaagaaccc	ttgtgaagac	tctttcctgc	cagacacaga	gggccacacc	1080
tacgtggcct	ttattcgaat	ggagaaagat	gatgacttca	ccacctggac	ccagcttgcc	1140
aagtgcctcc	atatctggga	cctggatgtg	cgtggcaacc	atcggggcct	gtggagattg	1200
tttcggaaga	agaaccactt	cctgggtggtg	ggggtcccgg	cttcccccta	ctcagtgaag	1260
aagccaccct	cagtcacccc	aattttcctg	gagccacccc	caaaggagga	gggagcccca	1320
ggagccccag	aacagacatg	agacctcctc	caggaccctg	cggggctggg	tactgtgtac	1380
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cactttccag	gcctggctca	gaatctaacc	tatttattga	ctgtcctgag	ggccttgaaa	1680
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ggctggctct	tactcaggaa	actgctgtgc	ccaacccatg	gacaggccca	gctggggccc	1800
acatgctgac	acagactcac	tcagagaccc	ttagacactg	gaccaggcct	cctctcagcc	1860
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cctctgggaa	aaaaaaaa					1938

<210> 3235  
 <211> 2186  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (2175)...(1949)

<223> similar to gi288145 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3235

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agtagggcct	tcgcgcacct	catggaatcc	cttctgcagc	acctggatcg	cttttccgag	180
cttctggcgg	tctcaagcac	tacctacgtc	agcacctggg	accccgccac	cgtgcgccgg	240
gccttgcaagt	gggcgcgcta	cctgcgccac	atccatcggc	gctttggtcg	gcatggcccc	300
attcgcaagg	ctctggagcg	gcggctgcac	aaccagtggg	ggcaagaggg	cggctttggg	360
cggggtccag	ttccgggatt	agcgaacttc	caggccctcg	gtcactgtga	cgctctgtct	420
tctctgcgcc	tgctggagaa	ccgggccctc	ggggatgcag	ctcgttacca	cctggtgcag	480
caactctttc	ccggcccggg	cgctccgggac	gccgatgagg	agacactcca	agagagcctg	540
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gagcgcttgc	ctcagaacaa	cttctgaag	gtgatagcgg	tggcgctggt	gcagccgcct	780
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agccaagtgc	tagtccactg	gcttctgggg	aattcggaag	tctttgctgc	cttttgctgc	900
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agtttgcttt	ttaatagaag	gccattttgt	aagaatgttg	aaaatatgtg	taccgtttta	1560
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attaatgctt	gatgataaaa	gaatcaaact	tttttttttt	tgaaggagg	tctcgctttg	1980
tcacccaaac	tggagggcag	gggggggatc	actgttaagg	gcaacctttg	cctcccagga	2040
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cggctaattt	tttgattttt	tagtaaaaac	gggggtttaac	catgctggcc	aggctggtct	2160
caaacacctg	accttgggat	ccgtcc				2186

<210> 3236  
 <211> 1257  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1258)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1210)...(840)  
 <223> similar to gi930045 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 3236
tttttttttt ttcagactta ttaaacaatga tttattactt ttgggacagg gagacgggga      60
gaaattgata gaccaataaa tattgcacaa ggctgctggt ggtgggggag atccagaccg      120
aggtgagttt ctgtagaaaag ggtgaaagac ctgggcgagg aaggcacctg aggttgcccg      180
gagccagggt gggagcgagt cttggtggcg aggggtggtt ctggttcacc tacctagcac      240
aaggtctcca actccttcag cctagacacc ctgatcagca gctgaccagt tggcctgccca      300
tttaagcagc agcaattgat agcaagatca ggtttccttt agaaattctt attggttcct      360
tccctgcagc gacaaccggc tgcccaaagt tgatggaacc cagcagctgt cactggacgt      420
ttgccaggag gcaggggctaa cggccttggt gcacatgatg ggcagtgtgc ccggagcggg      480
ctgaaaaaga caatgatata tagtctcggg agggcgagc ttttaactctt ctacctggcg      540
gtttacagaa gccagagctg agcagctgtg attggcagac accctcagct cctcagccaa      600
accacacttg gatgtttatg gtgaggggtg gactaagaaa tggaacagaa gcagagctaa      660
atcgctttga ttggctgttc atcgaagggg cggggaagac ttaacaactg ctagtgtctt      720
tgattggctg ctttgcttaa gcacacagtg cagcaaaaat aatcacctgt cagttattgg      780
aagttggagt gaaaagtata ataaccgtaa ttgacagcct gtcgtgaagg aggcggggct      840
tagttcctag cctgctgact gggcagggag gtaggttcta ctcaggagat gttactgctg      900
ggcgtggctt gcgggggctc ggaagtgatc ggagccactg ggtctagttt ggggaaaccc      960
gggggtgggt acaatcccat gctgggggtc agggcctgca gatgcgccag ggcccagatt     1020
ccgttgaagg tcacctcaca gcctgacttg gctaggagcc agttctccac ctccgaccgg     1080
agccacctgg aggtctcttc gggcgagcct tgagtgtccc ctggccgccg ggccaggaag     1140
ctgtgagcca gcagcgcctc cttggtgtgc tcgtcctgcg cgcgcagggc cagggcgatg     1200
agcagctccg gaattccncc gcnctgacta aggtctcaaa anncnagggt gatctat      1257

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<210> 3237  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (150)...(684)  
 <223> similar to gi1532033 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3237

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ccaggagagc	agcagtggcc	tgagctggcc	taccgtctcg	gtgccccctg	cagccccggc	180
agccctggag	gaggtggaga	aagagggcgc	tggggcggct	acagggccgg	ggcctcagcc	240
cgggctctac	agctacatca	gggatgactt	gtttacctct	gagatcttta	aactggagct	300
gcagaacgtg	cctcgccacg	ccagcttcag	cgacgtccgg	cgcttctctg	gccgctttgg	360
tctgcagccc	cacaaaacca	aactctttgg	gcaaccaccc	tgcgcttttg	tgacattccg	420
cagcgctgca	gagagggaca	aggccctggc	cgttttgcat	ggtgccctct	ggaaaggccg	480
cccactcagt	gtgcgcctgg	cccggcccaa	ggccgacccc	atggccagga	ggaggcgaca	540
ggaggggtgag	agtgcagccac	cagtaacacg	agtggccgac	gtggtgaccc	ctctatggac	600
agtgccttat	gctgagcagc	ttgagcggaa	gcagctggag	tgcgagcagg	tgctgcacaa	660
acttgccaag	tgagtgtggg	cgcaaaaaca	ccctcttggc	cagggctctg	cccggcctgt	720
gcttctgag	cctgtccgaa	ttccaccgcg	ttttttcag			759

<210> 3238

<211> 2183

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(294)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3238

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ctcggtcac	tgcaagctcc	gcctcccggg	ttcacgccat	tctcctgcct	cagcctcccg	120
agtagctggg	actacaggcg	cccgtacca	cgcccggcta	attttttgta	tttttagtag	180
agacgggggt	tcaccgtgtt	agccaggatg	gtctcgatct	cctgacctcg	tgatccgccc	240
gcctcggcct	cccaaagtgc	tgggattaca	ggcgtgagcc	accgagcccc	gccccagaga	300
ataggggagc	caaggaggaa	atgtggaaac	gcagttgtgt	ggcccagcac	gagcctgggc	360
gaccaccggg	tgacatccgt	cccacatcag	ggcggcctcc	caggtcccat	aagggtagcc	420
ccctcatctg	caggacagag	ggaaagccagt	cagggccccc	ccggacgtta	ggaccaggag	480
aaatcaacag	gagggcagcc	cgctctctct	cttggggcgc	ccaccgggcc	cggctgagcc	540
ctgccccacc	caactccaca	gggctgtttt	gcctccccac	ggaaggcggg	ctgaggagac	600
aaccagatca	ggagagcaag	gtcatgaagg	aggggacctc	tccacacagg	tggtccgtgg	660
gacctcagc	agctctggct	ctgcctcagg	aggtcacctg	ccgccctgtg	ggagccgcag	720
agcctgacgc	tcagccccag	gccagctgcg	gccaggcctg	cgggccccctg	gtgatgggggt	780
tacgtgggggt	gcgggataca	gctgagtggg	aaccggaaaac	ctattctctt	tttaacaaaa	840
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agagctggcg	ctcagcagcc	ctagcggctg	ctccttcagg	cgaagggtgg	tttgcatatg	960
tggggagggt	gtctggggac	gttgctgagc	tggctgcaga	aggggtgggga	tatcaggggca	1020
cagtctccat	gtgtgtgcc	agccctggcc	cccacagcgc	tcgatggacc	tcagcaagct	1080
gcccagccct	ggcccagggtg	ccccgactgt	gggactcagt	tgttctgagc	acatttgact	1140
ccacttttcc	tttaaaaatg	aatgtcttgt	tcctgtgcat	tggtggcatc	acagacccca	1200

gctggggcgc	gatgtcaaag	gtcgggacag	ctgtgcccgg	aggcagccac	agggaaagctc	1260
acacatcctg	tcagtgtcac	cttggtttgc	aaaacccata	tccccggtaa	aatgaggccg	1320
gacagagggg	ctgttaggac	agcaaagcag	cagtgtccag	agaccctca	atcccaaaag	1380
gtccgcaccc	tgctctgcac	accctggggc	acgccggcca	caccctctg	ctgcaacaag	1440
ctcatccctg	gacttctggg	agaatgaacc	cgaggttggt	ttggggagac	aggtgaggcg	1500
gttggatcta	cagaacaacc	caccatttct	gggggcccga	gaggatccat	cacagacgga	1560
tactggggag	taaacggccc	aggccagggt	cccaggaaaag	gacggctgag	catgtggagc	1620
gagagggagg	caggtggacg	ctgcagaccc	caggttcagt	gcggcccctc	ggctgttcct	1680
ccccgtagg	gtttggacag	acccaccccc	agccttgccc	agctttcaaa	ggacaaaagg	1740
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gggcgtgagt	ggacatgtca	ggtggttacc	aggcactggt	tggtgatggt	cgggtggttg	1920
gtgtgggcag	tcatacgtca	tcagggtgtg	tcaggggaca	atctcccctc	aaccgcacat	1980
gtgccactgt	tcagcggagc	tgactggttt	ctcctggtag	agggccggct	gtatcctgac	2040
agatgcctgg	tgagcagggg	aagcaggacc	cagtgggtcaa	caggtgtcct	taactgtcat	2100
tgtgtgtgga	atgtcgcaga	ctcctccacg	tggcgggaat	gagctgtgta	aatacttcaa	2160
taaagcctga	cttcacatct	gca				2183

<210> 3239

<211> 2483

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2421)...(1347)

<223> similar to gi3165570 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3239

gagtataacc	tgactcctcc	agaacccttc	agggcaggca	ttttattcat	cattttatfff	60
aaaaataact	gggagtcaga	aacagatgct	aagaggaggc	acattcttca	agttttctaa	120
aagaaccctt	tctacttttg	ataggacaaa	aatgagcttt	ggctgaatga	actgagacta	180
gacataagaa	ggactgagct	gctgatgagt	tatgaatgga	agactaacac	gcagtctcaa	240
ggcaggagaa	gaagaacatg	tgctgttttc	ctgggagtg	ggcaactggt	ggtggctgtg	300
agaaggcaga	gctcttcaga	ggggacagcc	agaacagggt	agtcactggg	ggccctatff	360
agcctgagaa	tgcaggagg	attgttttat	ggggtcctcc	ctgcccctca	agacaccctt	420
ccgccccatc	cccacaccag	ggtgctagag	aagataggaa	tatagatttt	aatcattgtg	480
ctgctgctat	taaccagagt	gcaattaatc	catcttttgt	ggattttgat	gccacagtgt	540
aaatgagagg	gtttcacaca	gaaacactct	gggggccttc	ggtgacaaaa	gggctaggcc	600
tctggtgggg	agggggtggc	aaaagggtgaa	gtggaattag	gagagatgtg	gggagcagac	660
ccagggtctg	gagactgctc	cttccccatc	acacatgccc	atcaaggacc	ccaagaggaa	720
gggattcttc	ctgccatggc	ctgggctgtc	caagtgaacc	tgacttccct	tccaaggcag	780
ctgcctctag	cttcatgtcc	aattctcgct	gagtagatga	ggtccagggt	aggcccacag	840
ttgaccacca	aatggtgaag	agatataagc	caaggagaaa	gaaagtgggt	tggaaccccc	900
aatcattctc	catttttcat	cctaagctac	cttaaaacta	gttcagagct	ggggaaagac	960
agcaacagca	gtctatcttc	tcggtcagaa	ctgctctacc	tgctcctgg	agatgggggt	1020
ggggggagg	gggactcaca	ggaggggag	gtaggaaata	ttcctgtgcc	tttctttgcc	1080
tgtgcagtaa	gtgaagactc	tcttcagagt	cagctctgca	gctgggtggg	tcattctgtc	1140
ctcttacagt	tttctgagat	tggtaggatt	tggagctata	gagagggtcaa	cttagagccc	1200

caaggccaga	ctccactggt	tgctaacagg	agctgacatt	cttggaagta	gccccgactg	1260
cttggaagaag	atcattccctc	atgttaagag	tgaagtata	tgggtccagg	caaagggtact	1320
gagcccagag	acagctagga	gtcagagaca	cacagggcct	ccactgctgc	actcagaccc	1380
tgggtgacac	ctcccacggc	gaggaggcag	ttcttgacga	ctatgctgga	gcaggcacag	1440
cggggtgtgg	gcatggcagg	gaggatctcc	catttgttct	tccttgggtg	gaatgcttcc	1500
gccgtctcca	ggacagtggg	ttgattccca	agtccccag	ccactatgac	ccgtccactc	1560
agagagccag	ccacaaaatc	tgcccgcgc	ttcttgagga	agaacgatcg	ttccatcttc	1620
agccatcccc	cctgttccat	gtcgaacacg	tccatcgctc	gcaggaaactt	gggtgcccgg	1680
tagaggcgac	cttgccgcag	gcctcctagg	ctgtacaagt	ggttgtccag	ggtcacaaag	1740
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tcaaagacct	cgaaagcggt	gaccgcgtac	ttggactgtc	gtccccccag	cacgtagatc	1860
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accacatgt	ccttcagcat	gtcatagtgt	tggaggtggg	tgtgtggacg	taggtccagg	1980
cccatcccg	ctgccgcata	tactcggtaa	tctttggccg	tgacagaaat	gcccattggcg	2040
gcctcacgca	gcatgctcct	cttcttccac	ttgccctcat	cgatgttgta	catctccacg	2100
accttcagg	gcagctgatt	ggtgcccacg	cccccaatca	ccatgatccg	cttccccagg	2160
gcggtgacgg	ccacccccgc	ccgggtgtgt	ggcagccggg	gcaaggcggt	ccactggctg	2220
gcctccgggg	agtagacctc	gaagcagtc	atggggacgc	cgttgtcgtc	acatcccccg	2280
atggcataga	cctggccccc	ggtctccagc	agggagcagt	agaccggcg	gctgggcagt	2340
ggcgccaggc	gcttccactg	gaagtccttg	acgttaggca	cctccatggc	agccttgggg	2400
agcgcccg	cgccgggaga	gttgcgagcg	cgggggtcca	ccggctactt	ggcgccggct	2460
cccacggccc	ctatcgact	aaa				2483

<210> 3240

<211> 2451

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (12)...(1567)

<223> similar to gi2827886 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3240

tttcgtcacc	caggcagtc	ctgacgtgtc	ggggaggagc	cgggcgcgga	ggtacgctga	60
gtggagctcg	gggctgcgta	ggggagctga	gccgagcggc	tgggcggggc	tgccggggcc	120
agcggagggg	agacgtcgg	tgagcggcgg	cgaacatgcg	cttttgacac	attggaggct	180
ttcttgatca	tggatggtga	agatatacca	gatttttcaa	gtttaaaagga	ggaaactgct	240
tattggaagg	aactttcctt	gaagtataag	caaagcttcc	aggaagctcg	ggatgagcta	300
gttgaattcc	aggaaggaag	cagagaatta	gaagcagagt	tggaggcaca	attagtacag	360
gctgaacaaa	gaaatagaga	cttgaggct	gataaccaa	gactgaaata	tgaagtggag	420
gcattaaagg	agaagctaga	gcacaaat	gcacagagct	ataagcaggt	ctcagtgtta	480
gaagatgatt	taagtcagac	tcggggccatt	aaggagcagt	tgcataagta	tgtgagagag	540
ctggagcagg	ccaacgacga	cctggagcga	gccaaaagg	caacaatagt	ttcactggaa	600
gactttgaac	aaaggctaaa	ccaggccatt	gaacgaaatg	cattttttaga	aagtgaactt	660
gatgaaaagg	aatctttgtt	ggtctctgta	cagagggttaa	aggatgaagc	aagagattta	720
aggcaagaac	tagcagttcg	ggaaagacaa	caggaagtaa	ctagaaagtc	ggctcctagc	780
tctccaactc	tagactgtga	aaagatggac	tccgccgtcc	aagcatcact	ttctttgcca	840
gctaccctg	ttggcaaaag	aacggagaa	acttttcctt	caccgaaagc	tataccaaat	900

ggtttttgga	ccagtcact	aactccctct	gctaggatat	cagcactaaa	catcgtgggg	960
gatctcttac	ggaaagtagg	ggcttttagaa	tccaaattag	cagcttgacg	gaattttgca	1020
aaggaccaag	catcacgaaa	atcctatatt	tcagggaatg	ttaaactgtg	ggtgctgaat	1080
ggcaatggca	caaagtcttc	tcgatcaggg	catacatctt	tcttcgacaa	aggggcagta	1140
aacggctttg	acc'ccgctcc	tectctctct	ggtctgggct	cctcgcgtcc	atcgtcagcg	1200
ccgggtatgc	tgectctcag	tgtgtgagtg	cctagcctcc	aggtgggggc	tcctgcccctc	1260
ctccaacaac	ccaggacacc	cacgcctcac	ccctcggtgc	ctgggcccag	ccccgtgccc	1320
ctccgtctgc	ctccgcacgg	ctggcagagg	gcaggctgca	tgcaagtggc	gctactgggc	1380
cctgcccagc	cccggaaactc	tgcgcgatat	caatactggc	tattttctct	tctcgccgta	1440
gtgccgttgg	tttcacatga	ttgcactttt	gtgggtcgca	aggtgataca	tacgtgtatt	1500
acttgggtcac	tggatgcaga	agtaccatt	catcacacct	gccccatagc	ccccactctg	1560
ctgtactgat	aggatttagt	tgtgttttag	gacattgcaa	atcttctaga	agttctcccc	1620
caaatacagg	caatgtgtgc	cctcctgagc	tcccaccag	gcatctccag	tgctcatgat	1680
catgtgtccc	ccaactccac	ccctcacagt	ttgggcctgt	ttctggcaaa	gagtcaggaa	1740
ggttactgaa	ttagggaaca	ttttctgcac	cttctgattt	tacttaagca	gctaccattc	1800
catggacttg	cctcccagag	cagcacaatg	cccgtctgag	ccccacgtgg	caggagcctc	1860
tgggacgggg	cacacacagg	cccagcctct	gtgctgtctc	ctcctctgtg	cgcctcagac	1920
tcgggggtgag	ggaggcgggc	agcctctcgc	cagccttccc	gtccttcagt	tcaacgacat	1980
ctttggagtg	tttttgttt	ctcttccaag	ggcgcgtccc	ttgtgttagg	aagggtgagt	2040
ggctggttcc	aggggtgggc	ggtgccagct	ccggggtgga	ctgaacagcg	gcggctgtcc	2100
ctgtgcatcc	tttgattact	ctcatgctgc	atttactgtt	tacatttggt	ttattgtaca	2160
taggtttgta	aacattattg	cctgagatat	ttgtatataa	cttgggcttt	gtagctttta	2220
tttattcaga	acgcatacgg	catgtttaatg	actctgatgg	tgctctctc	tgggcagctg	2280
tataggatca	tcatgtggtt	acaaaaaata	cttccctcaa	aaaaattctt	ttaatgtgga	2340
aacaataaat	ttcacagaaa	aaaaaaaaaa	ggggggggccg	ttttaaggga	tccttggggg	2400
ggcccaagtt	tacc'cggtt	tgcaaggtaa	tagctttttc	cttataggga	g	2451

<210> 3241

<211> 1124

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (360)...(926)

<223> similar to gi5478530 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3241

gtccggagtt	cccgggtcga	cagtctccca	gaacaattcc	caggagctcg	gattccaaga	60
gccgcccttg	ccctcgttta	ccttcgctag	tcgccctgca	gccccgccct	gtccggaggc	120
cccgccctcc	atgaatcagc	tgatcccgcg	gaccactgg	gttgccaagc	tcgcgcggga	180
tgccggagcg	ggtgctgccg	gtggagcttc	aggtcttgat	agactttctg	taaagaaggga	240
atgatttggt	gatggagtgt	tcccactgac	cgatggactc	aaagaagaga	agctcaacag	300
aggcagaagg	atccaaggaa	agaggcctgg	tccatatctg	gcaggcagga	tcctttccca	360
taacaccaga	gagattgccca	ggctggggag	gaaagactgt	tttgaggcca	gccctcggag	420
tgaaacatgg	agttcttctg	actgaagatg	gtgaggtcta	cagctttggg	actcttcctt	480
ggagaagtgg	accagtggag	atttgtccaa	gtagccccat	tctagaaaat	gccctgggtg	540
ggcaatatgt	tattactgtg	gcaacaggaa	gcttccatag	tggagcagtg	acagacaatg	600
gtgtcgcgta	catgtgggga	gagaattctg	ctggccagtg	tgcahtagcc	aaccgcagtg	660

atgtgccgga	accaaatacct	gtccgcattg	ctgattctga	agccagccct	ttgttagcag	720
tcaggatttt	acaaatggcg	tgtggcgagg	agcacactct	ggcattgtca	ataagcaaag	780
agatttgggc	atggcgtaac	ggctgtcaat	tgggtctcat	taccactgcc	tttccaggga	840
caaagccaca	aattgttgaa	catcttgctt	ggcgagaggc	gctctcaact	gcctgtgggg	900
cttccacaat	taggccttgt	tcaatgcctc	ccttccagg	attgaagcag	tcccaaaacc	960
atgcaacaat	gcactccctt	ttgagtacta	ttactgacaa	aatcacctg	gaatttttgg	1020
accgcgttgg	tggcccttag	ggggacactg	acaaaccttt	ggagaaagac	atgcggcctt	1080
gtcttagccc	ctcactggaa	ccctcacggc	agaaaaaat	tgct		1124

<210> 3242  
 <211> 1173  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1174)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (50)...(1023)  
 <223> similar to gi915208 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3242						
tttcgtgggc	tctggactct	gtatctggaa	ctggtggcgt	cggcccaggt	cggcggaac	60
cccctgaacc	ggaggtacgg	cagctggaga	gaactggcca	aggctctggc	cagcaggaa	120
attccagctg	tggatccaca	cctccagttc	taccatcccc	agaggctgag	cctcgaggac	180
cacgacattg	accaaggggt	gagcagtaac	agcagctact	tgaagtggaa	caagcctgtc	240
ccctggetct	cagagttccg	gggccgtgcc	aacctgcatg	tgtttgaaga	ctggtgtggc	300
agctctatcc	agcagctcag	gaggaacctg	catttcccac	tgtaccccca	tattcgca	360
accctgagga	agcttgctgt	gtcccccaaa	tggaccaact	atggcctccg	catctttggc	420
tacctgcacc	cctttactga	tgggaaaatc	cagtttgcca	ttgctgcaga	tgacaacgcg	480
gagttctggc	tgagcctcga	tgaccaggtc	tcaggcctcc	agctgctggc	cagtgtgggc	540
aagactggaa	aggagtggac	cgccccggga	gagtttggga	aatttcggag	ccaaatttcc	600
aagccggtga	gcctgtcagc	ctcccacagg	tactacttcg	aggtgctgca	caagcagaat	660
gaggagggca	ccgaccacgt	ggaagttgca	tggcgacgga	acgacctgg	agccaagttc	720
accatcattg	actccctctc	cctgtccctc	ttcacaatg	agacgttcc	acagatggat	780
gaggtgggcc	acatcccaca	gacagcagcc	agccacgtgg	actcctccaa	cgctcttccc	840
agggatgagc	agccgcccgc	tgacatgctt	cggcctgacc	cccgggacac	cctctatcga	900
gtgcctctga	tccccaaagtc	gcatctccgc	cacgtcctgc	ctgactgtcc	ctacaaaccc	960
agctatctgg	tggatgggct	tcctctgcag	cgtaccagg	gactccggtt	tgttcatctg	1020
tcttttgttt	accccaatga	ctataccgc	ctgagccaca	tgggagaccc	acaataaatg	1080
tttctaccag	ggaaaacgcc	tacttaccaa	gaccggtgag	agacactgag	tnggggcagg	1140
gaaggtgacc	ttgcagaggg	tctgcgggac	cat			1173



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<210> 3243
<211> 1308
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1305)...(947)
<223> similar to gi2707600 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3243
gtcgacgatt tcgtgtgctg tcaactcatgg gctggatcct cagccctcc tgccctggca      60
gcttgctgcc cgccatccct ccatcaaaat caaagctctg atgcatacct cctgtgggact      120
gcaggtctct gtagccaatg ggggtgctga gctgggtggag gtttccctcc atctcctggt      180
actgctgggc agagagcagg ctgcgaactg actctgcgct ccggaactgc atggacgagt      240
taagagtgcc catgttgctc agcttctcag acacattcat tccagagtct ttgctgaggt      300
caggcatgga aaatcgggat aggtgctcct ggcgcttggc accaccatca gcagagaggc      360
ctgttgcttc agacagggcc agggattcca tggagccccg aggggtctgc tctgtgggag      420
tcatgtcctc tgtgtatttc agggaaactga tgggatgacg ggtccgacac tgctgagtgg      480
acaagcccc ttctctctcc tcttctctcc atatttgggg acttggatgc tgccctgggt      540
ctcactgaaa ctctgactag acatatcact gtagctctcc tgagatctca gcctccccgg      600
gtaatatgct tctcggcatt ccttgatgaa gctgccagca tgcctgttca tggccagtga      660
cgagctcctt ttgggggtgc tgaagtgcct gccccacatt tcgggctggg cccagagcccc      720
ttgccctcct ggactgtagg aagttctgat gttgcaactg ctgaggagct gcagaggggt      780
ctgggtctgg ttctgtctca tcttggtccc ataagtgtag ggctcttccc ggctcctcca      840
gatggggtcc cgggtgaggg tgggtgtctg gctggacagg ctgagcatgt ccatctgcag      900
tgacaggggg tctacgtcgg ctgacagccg gttagaactc acttgagct ggctgtgctg      960
gttcagcatg ggctcctccg tcttgccctt gttcttgcca attttggcac tgcgcgggga     1020
ctccttgccc ctggcattct ggaaggcgga atcagaggag tcagaacatc tgggggtcttc     1080
cccagcactg caggccccgt gagcagaata tctggccctg cttcgggagg aatggccgcc     1140
ccaggaggga tttcttgtag tgagcacagc agaaacaggt ctcaagtggc tgccagtgtt     1200
ggccgtcata ggtcatttga ccttggtcga tacctatatg ttgggcacag gcgtcacaat     1260
attctgcata ccaggactcg aaacagtggc gacagtaggg gcttctct      1308

```

```

<210> 3244
<211> 1204
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1205)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(645)
<223> similar to gi643656 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 3244
cccccaactg gaaacgaaac ccttccctct tttgaaaggt tttccccctn atgaaaaagg      60
tggtgcaaga ggatccctcc tacctcccaa gtccctggac tatgaccgct tcagccgcaa     120
cgaaccccat tgggaagggt gtccatcccc cttaacaagg tggacctgac ccagatgcag     180
accttctgga aggatctgaa gccatgcagc gatgggagtg ggagccgagg ggagctgctc     240
ttgtctctct gctacaaccc ctctgccaac tccatcatcg tgaacatcat caaagcccgg     300
aacctcaaag ccatgggaca tcgggggcac atcagacccc ttacgtgaag gtatggctga     360
ttgtacaaag gacaagcggg tgggagaaga agaagacggt gacgattgaa gaggaacctg     420
aaccocatgt ttcaatgagt ccttcgcctt cgatatcccc acggagaagc tgaggagagac     480
gaccatcadc atcactgtca tggacaagga caagctcagc cgcaatgacg tcatcggcaa     540
gatctacctg tcctggaaga gcgggccagg ggaggtgaag cactggaagg acatgattgc     600
ccgtccccgg cagcccggtg cccagtggca ccagctgaag gcctgagtgg ggccaaggga     660
ggcccagggg gccgagggcc caggctccca tcatgccctc accactttat gcacaacgcc     720
cggcctgagc cccctgccat agggagggga ggacctgag ggctcagcca gggagggggtc     780
ccaggactca actgggcccc gtttctagga agtaccagcc ccatacccca cagtccagct     840
ccggggaagg ggtctctggga ggcattttcc tgctttgccc cttttcttcc tgacttacta     900
atactaaaga agttggggga gctcgagagc cagacggcca gacaggcaga cccctccaga     960
ggcccgccca ggtgggcatg gtcccccat ttctttaagg cagcaccctg gagtggagag    1020
aggccactcc ctctccagcc cccgatgtgg acccggggag gggaggctga ggcgtttggc    1080
ccgggcctgg ccaggagagg cccatcccca gggcagtttc aggtgccggc tggggccctga    1140
atgtcgagga taggcatata gcccgttgct gcggcatgga ggtggtgccg ttccacaatc    1200
ggtc                                           1204

```

<210> 3245

<211> 988

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (940)...(636)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3245
gtccgattct cgggagacac gcgtcggtat taacctaaaa gattctgtgt tttgtctata      60
ttgcaaaactc tttggggaag gaaaaaatca actgaaaaat gaaaatgggt gcaaagattg     120
gcaacattta tcacatattc ttagtaaaaca tgaagaaagt gaaatgcaca tcaacaatag     180
tgtaaagtac tcaaaattaa aatctgatct gaaaaaaaat aaagctattg atgctgcaga     240
acgcaaatta tatgaaaatg agaaaaatga tgggtgtgctg ttgtgtgaca cgtaatatatc     300
ctgagttggt ttttggcatg atgatcagaa tcttacatta ctcagaaaac atctgtcctg     360
caatagtcag tactattgtg ttgtaagtct cctctacaga gtaacttgca gcagttcctt     420
agcaataagt atgatagcaa ataaatagca aagaatgttt ccattctaaa tctaaaacta     480
attagattca atcatcatta ggcaatgact tcattaggca atgaagatta acaataggta     540
attgttaatc ttcaaaatct atcaatttac acctatttaa aaattggcat ttaatgactg     600

```

ccatttgatg	ggtttggtta	atattctgtt	cttggccggg	cgcaatggct	cacgcctgta	660
atccaagaac	tttgggaggc	tcaggcgggt	agatcaattg	aggtcagaag	ttcaagacca	720
gcctggccaa	cgtggcaaaa	cctcgtcttt	actaaaaata	caaaaattag	ccagggtgtg	780
tggcacacac	ctgtagtccc	agctactcag	gaggctgagg	caggagaatc	gcttgaaccc	840
aggaggcaga	ggttgcagtg	agctgagatt	gcaccactgc	agtccagcct	gagcaacaga	900
gcgagagtca	gtctcaaaa	aaagaaaaat	attatgttct	aattaccttg	aaagaggaaa	960
gaaaggcttg	aattgatcaa	taccagtt				988

<210> 3246

<211> 1642

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1234)

<223> similar to gi4405795 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3246

ggaattcaaa	tgtatgagca	gcaggtggtg	aagctgagtg	aggctgcggc	tttggttggg	60
ctttaggagc	aacgggtgta	tgcgttcac	ctgaggcgct	acaatgacgc	gctgctcatc	120
catgacaccg	tccgcgccgt	ggatgccttg	gctgcgctgc	aggatttcta	tcacagggag	180
cacgtcacta	aaaccagat	cctgtgtgcc	gagcgccggc	tgctggccct	gttcgatgac	240
cgcaagaatg	agctggccca	cttggcaact	catggcccag	agaatccaaa	actggagatg	300
ctggaaaaga	tcctgcaaag	gcagttcagt	agctctaaca	gccctcgggg	tatcatcttc	360
acccgcaccc	gccaaagcgc	acaactccctc	ctgctctggc	tccagcagca	gcagggcctg	420
cagactgtgg	acatccgggc	ccagctactg	attggggctg	ggaacagcag	ccagagcacc	480
cacatgaccc	agagggacca	gcaagaagtg	atccggaagt	tccaagatgg	aaccctgaac	540
cttctggttg	ccacgagtgt	ggcggaggag	gggctggaca	tcccacattg	caatgtggtg	600
gtgctgttat	ggctcttgac	caatgaaatc	tccatggctc	aggccagggg	cgtgcccggg	660
ccgatcagag	tgtatacgcg	tttgtagcaa	ctgaaggtag	ccgggagctg	aagcgggagc	720
tgatcaacga	ggcgctggag	acgctgatgg	agcaggcagt	ggctgctgtg	cagaaaatgg	780
accaggccga	gtaccaggcc	aagatccagg	atctgcagca	ggcagccttg	accaagcggg	840
cggcccaggc	agcccagcgg	gagaaccagc	ggcagcagtt	cccagtggag	cacgtgcagc	900
tactctgcat	caactgcatg	gtggctgtgg	gccatggcag	cgacctgcgg	aaggtggagg	960
gcaccaccca	tgtcaatgtg	aaccccaact	tctcgaacta	ctataatgtc	tccagggatc	1020
ctgtggtcat	caacaaagtc	ttcaaggact	ggaagcctgg	gggtgtcatc	agctgcagga	1080
actgtgggga	ggtctggggg	ctgcagatga	tctacaagtc	agtgaagctg	ccagtgtctc	1140
aagtcgcgag	catgctgctg	gagacccctc	aggggcggat	ccaggccaaa	aagtggtecc	1200
gcgtgccctt	ctccgtgcct	gactttgact	tccctgcagca	tgtgcccag	aacttgtcgg	1260
acctctccct	ggactgacca	cctcattgct	gcagtgcccc	gtttgggctg	tagggggcgg	1320
gagagtctgc	agcagactcc	aggccctccc	ttcctgaatc	atcagctgtg	ggcatcaggc	1380
ccaccagcca	cacaggagtc	ctgggcaccc	tggcttaggc	tcccgcgaatg	ggaaaacaac	1440
cggagggcca	gagcttagtc	cagacctacc	ttgtacgcac	atagacattt	tcatatgcac	1500
tggatggagt	tagggaaact	gaggcaaaag	aatttgccat	actgtactca	gaatcacgac	1560
attccttccc	taccaaggcc	acttctattt	tttgaggctc	ctcataaaaa	tcaatgaaaa	1620
aatgggatag	aaaaaaaaaa	aa				1642

<210> 3247  
 <211> 1789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1784)...(1123).  
 <223> similar to gi1050797 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3247

tttttttttt	ttggagcatt	ccaaatttat	tccttttaag	gaaacctata	gccactacat	60
atgtccctga	caattagacc	agaaacccaa	aaaaggacaa	atagaaatac	tttccattct	120
gtctatatag	tagtagtttt	gggggtatag	atagtaaaca	ctagtcaaga	atactcgtct	180
aaatatgttg	gtaaaatgta	gtcatcattt	ggcatgtgtt	ttgctttggg	atataatgaa	240
gttgagctat	cccatctttc	ttctctatgg	aatatagtca	cacaaacaaa	aaagatgaat	300
ctcactagag	gtgggtcttt	atcagaaata	tgccccaatc	tagttaggta	atagaaagaa	360
aatcattttc	tcctcctagg	cctaagattc	ttcatgtaaa	aattataaga	ctgaataaag	420
atcacttcta	agtttctata	attcatgtag	atatatcaat	ttatacatca	tgatgtagac	480
agacagcaag	gctatacttt	ctgggtccat	gatgctaggc	ttggccacat	gacttgctta	540
aagcacgtat	gatacatgca	tcttttaaga	gaaaaccgaa	gtgtatttca	tctctttctc	600
tctctgctaa	aacaatcaca	atgtcccaaa	agagatccct	tccttcgcct	ttgatcatgg	660
taagaagatg	acacaaagca	gtgtcacagc	caatcaacag	ctgacatccc	ccaccaggaa	720
atacatcttt	gttggtgtca	ctacagcata	aactaatgaa	agctaattaa	atataagaat	780
ttgctaataa	ttgaggatcc	gtacacaatt	aaacttaaaa	ccaaaaaact	ctaatagaaa	840
actcataatt	taaaatgtga	cataagggga	aataagttaa	aaagcaactt	ttaaaaatta	900
caaaaatagt	atttgtagta	aaataaatgg	acttaaacat	gtaatagaat	tttcctgtg	960
atttctgact	tgaatctttg	aatgactatt	ccaagtaaga	ttcaacattt	ttacagaatt	1020
gttcttcac	attaagatat	tccaagatta	tatttccacc	attatataaa	ggacaatcct	1080
ccttagcaat	ccaggtttcc	aaagtatgat	ccaagggtaa	ggcttctcct	gaagtaatgt	1140
gacacagcct	taatttctta	gctgtaaatt	tgttattgtc	atttttaagc	ctggctagag	1200
aagcggcaaa	gtctatggcc	tttccaatgc	tccatcggtg	gcaaaagaac	attgggttgc	1260
tcttctcttt	gtcctcttta	ggtaagaaaa	cctgaaagta	aattctttct	gtctgtggta	1320
atgacttata	gccatcagca	tgcatcttta	atttcatcaa	tgcaaccttt	gcagctgttt	1380
cactattttt	ggcacctttc	catcgtttac	ttgctgtttc	tcctgtcttg	gaatcaataa	1440
tgtctttaac	aagtttctga	gtggcagcca	ttcgaggctt	tgggatttcc	agtttttcac	1500
actcatgatc	tgactgatga	cggtgtctca	ggcaaaaatt	cttctcacia	taaggacata	1560
taactgccac	aagttctctc	tcagcacagt	ctttgaaaga	gcatgggtaa	gatgtatggt	1620
gatctgtctt	cagtctctca	ttgattacag	tcacctcagg	acaaccatga	gactccctgc	1680
ttctgtgttc	aaggcaaaat	attcctgaac	aatcatcaca	cacaaatgga	agaaaatctc	1740
gctgccggca	atgctccacc	tggcagtgtc	gcccgatgtc	caactccgc		1789

<210> 3248  
 <211> 2352  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1238)  
 <223> similar to gi36603 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 3248
cggtccggg agctctgtca acagtggcta cagcccgaga cccataccaa ggagcagatc      60
ctggagctgc tgggtctgga gcagtttctg atcatcctgc ctaaggagct ccaggccccg      120
gtgcaggagc atcacccaga gagcagggag gacgtggttg ttgttctgga ggatttgcag      180
ctggatcttg gagaaacagg acaacagggtg gaccagagacc agccaaagaa acaaaaaata      240
cttgtggagg agatggcccc tctgaaagga gtacaggaac agcaggttcg gcatgagtgt      300
gaagttacaa agcctgagaa agagaagggg gaggagacaa ggattgagaa tgggaagctt      360
attgtagtaa cagactcttg tggagagta gagtcatctg ggaaaatatc tgaacccatg      420
gaggctcata atgaggggctc taacttggaa aggcattcagg ccaagcccaa agagaagatt      480
gagtataaat gctcagaacg tgagcagaga ttcatccagc acttggacct gattgaacat      540
gcgagtacac acacgggaaa gaaactctgc gagtctgatg tgtgtcagag ttccagtctt      600
acaggacata agaaagtcct ctcttaggag agaaagggtca tccagtgttc atggagtttt      660
ggggaaagcc ttccagagga gttcacacct cgtcagacat cagaaaatcc atcttgggtga      720
gaagccttat cagtgcaatg agtgtggcaa agtcttttagc cagaatgcag gccttttggga      780
acatctcaga attcatactg gagagaaacc ttatctatgt atccattgtg gaaaaaattt      840
taggcgcagc tctcacctta atcgacatca gagaattcac agtcaggagg agccctgtga      900
gtgcaaggag tgtggaaaaa cctttagtca ggccttactc ctcacccacc atcagagaat      960
ccatagtcac tccaaaagcc atcaatgtaa cgagtgtgga aaagctttca gtttgacctc     1020
agaccttatt cgacaccaca gaattcatatc tggagaaaaa cctttcaagt gtaacatatg     1080
ccagaaagcc ttccgactaa actcacacct tgctcagcat gtaagaatcc acaatgaaga     1140
aaaaccctat cagtgtagtg aatgtggaga agccttcagg caaagggtcag gtctttttca     1200
acatcagaga tatcaccaca aagacaaact ggcttgatga ggtgttctct ccttgtagaa     1260
catcagagaa ggcacattga ctagcaaaca gcactttagg aaaagtcacc gtagccact     1320
gtggcatcag aaaattcttg' ggggctgagt tggaggctcc ctgcctctat tctctctcct     1380
ttgctttcct tgaagtcagc tttggaccac aataatttca ctgtagatga tatgctagga     1440
tcaaagttaa acagcattct tcaactgcagg acatctcaga gcatgtaaca taactgcatg     1500
attatatact ctaagcaata gagagcttca tgactgagta agagttttga agtcagcagt     1560
gaatcaagtg cccacagatt tgcaggctta agcagaacaa ggggaagattg atatttttgg     1620
atatgtctata gcagctttct cctatgaaat aaaactgatg atgtttggaa gtatactact     1680
ctcaaagggtg tctttaaagt acagggttaat ggtgaacatt ttcccccagt ggcttcacct     1740
cattcctccc actggcctta ccccttcctt cccagtgga agcattttca aaagcaaaga     1800
taattttcgc tgggtgaactt cagaacttgc cttcagggtt agcttcatgt aattttacca     1860
tttcccatcc ccattcccca ccacattatg tcaagattca agttataaat taacgtttta     1920
cttagacttt gaaagagatt tcatgagtaa tttgaatgaa ccttgctgaa ttaatctgaa     1980
tagcaactgt ctgacttgat aactccagtg ccagtatagt ggctgctgca tagacactat     2040
tcagtaaatg tctgatgaaa gaaattggac tttttccctt taatactgat gatgcaattt     2100
tgaaatgttg cttgttctgg aatacttcgg aagttaaaca ataaagtcag cttggagagg     2160
agatcatgat ctttatactg tgaatagcag aatgtcacag atgaagaata ttaaaattag     2220
gggcgtccac tccaaaacat atcaccagag tgacaacttc agccctcagc ctctgcaatc     2280
catatatatc ctggtcttgg gagtccatag aatactgttt ccttctaata aaggtttcaa     2340
acaaaaaaaa aa                                     2352
  
```

<210> 3249

<211> 5039  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(5040)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (5040)...(955)  
 <223> similar to gi3043708 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3249

agacacagat	tcccaagtcc	gtagttgtaa	atagcggcca	gaggctagta	taataccacc	60
cccccttagt	aagaagtaat	gcgttgccctg	cacgggtaaa	attggggccc	ccgaaggggtc	120
ctttaaaagg	gcccgccectt	tttttttttt	ttcactgtga	aatattttatt	tttgttttgt	180
agtattaagc	atgattaaac	cagtgcagaa	aaataccaag	tacattgggt	gaacgatgag	240
ctagctgttc	tagtatttgc	tttttgtaat	ccagttaaga	ccatcagcat	atacaacctc	300
atctctaact	caacaatgta	gctgcagggt	aacatgtgga	tacctgtgt	gctctactgg	360
cctccaaagg	cattcagggg	atcctcaaag	atgttgggcc	ccttgtgttc	aaatccttgg	420
tcaggtgcgg	cctgtgcaga	tcggcttttt	ggtttnggtt	ggtcttaagc	ctggatactc	480
agaggagaaa	gatgtcnatc	catatcatca	tcanaatata	gaactcatga	agtataatct	540
ctcaccttct	ttctctttcc	cctgcccagg	ccctaagtta	gggttcccat	ccatataaca	600
aagacttctg	gtcagggtggc	atttgctatc	tctgggattc	cctgcccattg	aaagccacaa	660
agagatttct	tcttttacac	accctgaagc	atattatggc	cccagcaagg	ctaactaaat	720
caaactgtgg	tttaaaaaca	aaacaaacca	accactgtga	aatattttatt	tttgttttgt	780
agtattaagc	atgattaaac	cagtgcagaa	aaataccaag	tacattgggt	gaacgatgag	840
ctagctgttc	tagtatttgc	tttttgtaat	ccagttaaga	ccatcagcat	atacaacatc	900
atcactaact	caacaatgta	gctgcagggt	aacatgtgga	tacctgtgt	gctctactgg	960
cctccaaagg	cattcagggg	atcatcaaag	atgttggaca	ccttgtgttc	aaatccttgg	1020
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gagaagatgt	catccatatc	atcatcaaat	atagacttgg	cttccacttt	ctttttggac	1140
ttttcctttg	gttttacagt	taagtcagca	aagatatcaa	tggtatcatc	aaataaatta	1200
gattcccaat	gttttctcct	tctctctggt	tttctgagag	ggtttaattg	cttccgtagg	1260
caaaatatat	catccttggt	aagcctcaaa	aatatcggtg	tggtgttaat	atgacatccg	1320
tgctgactat	tgggattttg	tctcattctt	cttgactttc	tgatctgtaa	aggggggtcat	1380
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gaaagagatc	atcatcactg	ctggcctcgc	ctagagcagg	aaacatgggg	ctctttgctt	1500
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ctgctctgag	ctgtggccga	tggccatttg	gggaaatggc	gccatcagcc	cactgtgcaa	1800
tgggtcctct	ggggacgctc	atgtcctcag	tctcgtgga	ctcctgagca	gccagccggc	1860
tagctgcacg	ggtctgcggt	ctacgcttcc	ctctcatctt	gacacggctc	ttgtttgcac	1920
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gaaggacagg	cacactttcc	agaccgtggc	tccttctgtg	ttcagatgaa	ggaaaagcca	2040
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ctgggttgat	cgctaaattt	gcctgaggtg	tttccggctt	ccatatgcct	ttttctttac	2160
taccttgaat	ggattcagga	tgtttctggt	ttttgaaaga	gtcaacagag	tggtcttttt	2220
tcactactct	ctttttctct	tgtaccaaag	gctgggactt	ggcagagctg	aaaagatcat	2280

catcttcac	atccccaaac	aggctcccaa	cacttggetc	taacagcttg	gttttttttg	2340
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gctcttcac	ctggaagaca	cctgtgctct	tgggggtggc	atcaggaatc	gcagcccttt	2460
cctacttctt	ttctgtggag	cctgggataa	tggttttgaa	tcttccaatt	ttatcctctt	2520
cctcatcaaa	caagctaaga	acagtttttg	ttcttaggct	tggttccttt	gtcccatggg	2580
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tcaaccttct	tatccacaga	cttcaactca	agttgtgctt	ccttctcttc	ttcatcgctg	2760
aacagcaaa	gtgggtgcctc	agagacagtc	tcttttttct	ttgttgcaag	aggaacagat	2820
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tccctgggtt	ctcctttaga	cctgctgtca	gatgctaagt	gggtctgtga	agcaggaata	3060
ttccactggt	cctcctcatc	actgctgaac	aacagggcag	atgctttctt	tttggagagc	3120
tccgaggctt	ttgctttctc	ttctctctga	gcttgtagac	acaatgtctg	cttcttagca	3180
gctgtacccc	caaaaagatt	atcctcttca	tcttcatcat	caaacaggga	aaccgacgtg	3240
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aaatcctcag	agtcctctct	atctgaaaat	aagccttttt	gagtctttgt	ttctgatgag	3360
ggcttgagat	ttttgctgga	agataaggta	accttttttt	ctgctcttgc	tttattttca	3420
tctgtctgac	tcacagtggc	ttctggcgat	gctacggctt	tttctttgaa	cagatctcct	3480
tcttcgtcac	caaagatatc	ggcagtggat	tggacttttg	gtgtttttaga	aggtttgctg	3540
tgggggtgcc	agaaaaagtc	gtcatcatca	tcaccatcat	catcatcaaa	gaggccagtg	3600
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gcttgccgat	cctggggggc	ttccgtgaag	aggctactct	cctcgtctct	atcatcaaa	3840
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gtcagcttgg	ggggtgcgaa	taagttatcc	tcttcatcgt	ctgaaggagt	tctcctttcc	3960
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tcttccactc	gacccatggc	atcccccttg	atgcgggcag	ccagctcatc	tgcaaacgat	4080
gtaggtctgc	ttcttttagg	tctagtattt	tcttcaatgt	cctcaatata	ttcctcctcc	4140
ttctcagagt	cagcaaaaag	gtcacagcca	tcacatcctt	cttctcctac	actcatttgt	4200
gtgggtgtgt	ggttttgttc	attgtcactg	tgatgggcaa	aatcttctac	tgactcctcc	4260
tcttctttct	cttctcagc	gtccacaata	ctgccacgat	cactgcctac	agagccttct	4320
tactgggaca	gctctccaag	acctacatct	tcttgttcca	tgaacagctt	tgacccaatg	4380
agatatggta	aaggacgatc	aatgtataga	tcctttgggt	caaggatcag	ttccaccgcg	4440
ccattagcat	catcttctct	ggagtctgag	tttctgctt	tgatatacag	ttgctcaaag	4500
gcactgtcca	atacttgtaa	gccatagtct	acagcctcct	ggactttagg	aatgagatct	4560
acttctttct	gctctcgtgt	cttctcctgc	tctgtttttt	ctgcctcagc	cttgagtact	4620
ggctcctcca	cttcttcac	atatacacga	ttctcaatga	actgggtatt	agagagcata	4680
aggaagtcat	tgaagacatt	atgcaggcga	caatctgttg	ctttgggttc	ccgaattagt	4740
ccgtccactt	gtttcttgat	ttcatgggtc	ctagagatag	tttgcgtgga	gaattcctgt	4800
agaaactgta	gtaggccgcg	gtcggccgcc	agcgaccagc	tctggctgct	cctgcggatc	4860
tctccatcg	accacggccg	ctcccacag	ggctccgacg	ctggcgccag	ctcctggctg	4920
ggggtcgtcc	ggttcatcat	cctagccgcc	cggctcgggtg	ggctccgaag	ctgccagcac	4980
acgccgagga	ctgcagagcc	ccggaagcct	agccccagcc	aagctgccc	gggcgtgac	5039

<210> 3250

<211> 805

<212> DNA

<213> Homo sapiens

<220>

```

<221> misc_feature
<222> (1)...(806)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (615)...(145)
<223> similar to gi555225 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3250
aacatgcctt aactttgtat gttttataac tttccttact aaaggtagat ttttataact      60
ttcttaatat ttcttttccc ttcttctac ttcatattct tccttagtct ttctttttgc      120
atctttttct gatttctgtc tcttctagtc tctctcttat ttttttctat ttctctttct      180
aatgtacaat aattagatga gtgttggtta caatggatat atgtacatat cttagtttcc      240
aaaatttagg gatgtgttta acatctgttt gccacaactg attaggttcc aatcctctag      300
ggttaacacc tgtttaagga ggaaacgtgc ctgtcagctg gtaatctggg cattgttagga      360
taatttgttt agccagtcctc tgggctagtt gaaattgttt agataagttt ctccaatttt      420
ggtggaaaaa ttgatgtgat tgggtggcct ggtcaagcag tgatgtcata acctgaaggt      480
ctgcttgatc ttgccacaag ccaatgggcc aggcagagat ctgtgggctc aaacgtgtgt      540
aataaaaaata ggatgtgtac cttggtccgg caattgctga agttgaagaa aaagaggcac      600
acagagtggg ctccagagcg aacttaaggc tgtaaaagta atttaataaa taaacagaac      660
agcctcagct ctccgaatgc tagtaaattt agatccagtg attggattac gtggtctcca      720
ccagactgcc gcttttccat ctttaccgaa ttccaccaca cggctctaaaa gacatcaatn      780
gnnnntnctn atagtcttca attcc                                           805

```

```

<210> 3251
<211> 1240
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1098)...(187)
<223> similar to gi3876090 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3251
tttttttttt ttctaaagct ttatttattt tataaaatgc atagaataaa ttatactagt      60
aacattttta aaattaacat ctttgtattc agcagtcctg ggtaggagg caggaggagg      120
gtggtgggga cgggatggct cacttgggca gctaaccgtg tagggccact tcctctcgt      180
cactgccatc ggggaccgcg tctgtcccaa agtagcgggtc gccaaagtcc ccaatgcctg      240
ggatgatgcg gaaaaagggtc attgacccgc ttgtccaccg ccgtgggtgat gattctcact      300
cgctggaaat gcataggcca cctgagtgcg cgcccatctc tgccatgagc agcgacagca      360
aaaagatctt gtcttcaggc acgtcgtggt ccaggagcac gcgcactgcc atcatggccg      420
ccgcgcccgt ggacacgggtg cagtccatga ggatcacgtg gtcacgctg atgtccttgg      480
gcagcctcag gtagtggagc tgcgggcagc aggggtcagg ctgcaggtgg ggctccctgc      540

```



gtcccccttgc	tgtgagctcc	ctctgcccc	tacccccggg	ctcatcacc	cggtgcccc	600
caggcacctc	gggctcccc	gtaagctggt	tgggtctggat	gaggatggtg	ccgatgcgca	660
cgtcttttgc	cacagcgcg	agcgcgggct	ccatggtttc	accggcgcg	agaatggaca	720
caccggtgat	ctgcggggag	gggaggctaa	gcgcccacat	cccgccccag	cagcctgtcc	780
cgcgcccagg	tgtgcccagg	caggtaacct	cttccccgca	tagcaattgc	ccgcatagtc	840
ctgccccctgc	ggggtctgta	cgacgcagtc	ctgaaagggc	aggaaggaga	gcgctgtctc	900
gatgagcagc	cgcctcagtc	tcttgagta	gaagatgaac	tcgtcgcgac	tgggtctcctt	960
gtccctgtgg	ggccaacagt	tgagcgggag	cacgcgcccc	gggcccgc	gtccccaggt	1020
gggcccctcac	ctgatgatgg	tgtgcatgcc	ccgtacctgc	ggcgtgctct	tcaggacgct	1080
cagcgtcccg	ggcagcgggt	ggcactgggt	tgccgaggcc	agcgcagccc	tggggacaaa	1140
ccgatgggga	acactcaaga	agggggtctt	ttcccagagc	cctccctccc	cacaggacgg	1200
ctgtgcgtca	ctgtgagggg	aaccctcggc	caagctgggc			1240

<210> 3252

<211> 2047

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1541)

<223> similar to gi5689465 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3252						
caagaagatg	aagaacaaac	cagcacccaa	cctcataggg	caccaagcaa	ggaagaagat	60
gatacagtta	actggtattc	cagtagtgaa	gaggaagaag	gaagcagtgt	caaatacaata	120
ctgaaaacat	tacagaaaca	aacagaaact	ttaaggaatc	agcaacaacc	ttccacagaa	180
ctcagcactc	ctactgatcc	aagacttgct	aaagagaaaa	gtaaaggaaa	ccaagtgggt	240
gaccctaggc	ttaggactat	cccaaggcaa	gacattagaa	agccttctga	gtctgccccca	300
ctggatctta	gacttgctg	ggatcccagg	aaattgagag	ggaatggaag	tgggtcacata	360
ggctcttctg	ttggtggagc	aaagtgtgat	ttgcatcatg	caaagtctgg	cactaatgtc	420
aaacacaaaa	gaggcgatga	tgatgatgaa	gatacagaaa	gagaactgag	agaaaaagct	480
ttcttaatac	ctttggatgc	ctcacctggc	ataatgctcc	aggatccaag	gtcacatttg	540
agacagttca	gtcacattaa	aatggacatt	actctaacca	aaccacaact	tgcaaaacac	600
atcgtgtggg	ctcccgaaga	cttacttcca	gtacctttac	ctaaacctga	tccagtgtct	660
tcaatcaatt	tacctctgcc	cccacttata	gctgaccaga	ggctaaatag	attatggaat	720
acaaaaagtg	atcttcatca	aaacacagtg	tccattgatc	caaaattagc	agccaaagcc	780
aaaattaaca	caacaaacag	agaaggctac	ctagaacaat	ttggagactc	acacggttca	840
ggagctaaat	taggagatcc	tagactacaa	aaaaattttg	atcctaggct	tcacagactg	900
cccaatacag	agtctcatca	agtggttatg	aaggattcac	atgcatcaaa	gggtgcccct	960
cacttaccga	gatcaaacc	tggttcatca	cagccctcag	gggcaggaac	tagcaattct	1020
ggttccgggg	ctctgcctcc	atatgccct	aaactctctt	cctcagctgg	ccttccactg	1080
ggaacttcca	cttcagttct	tagtggtatt	agtttgtagt	accctaggga	tcacggttca	1140
tcacccacat	cagagctagc	aacagcttct	tcaggagaaa	actcaaagaa	ccagaaaaaa	1200
agtgggtggc	taaaaagtag	tgacaaaact	gaaccttctc	ctggagaagc	catccttcca	1260
caaaaaccca	gtccaaacgt	gggagtcact	cttgaggggc	cagctgacct	acaggcggac	1320
gttcccagga	gttctggtaa	ggttcaggtc	ccagcagtg	acagccttcc	tgttcaggca	1380
ttacagggt	taattaggcc	acagtacagt	gatccaaggc	aggcaaggca	gccaggacag	1440
gggagcccga	ccccagataa	tgatcccggg	agagaaacag	atgacaaatc	tctgaaagag	1500

gttttttaaaa	cttttgatcc	aactgcttca	ccatttttgt	agctattgtg	taactgagca	1560
attccttttca	ctcttgtagac	tatctcagtc	ctctgctgtt	ttgtaactgg	tttacctcta	1620
tagttttattt	atttttaaat	tataaacact	tttcagctgc	tagtatcaga	accacatgaa	1680
gttatagcct	ctaaagcctg	cggatattta	tataatattt	ttataacttt	aagagactgt	1740
agtaattgac	ctaaaaactt	atgttagctt	cagtaaaagt	actttttattg	taaataaaca	1800
atcatgaact	caacactctg	cctgaatata	tgccagttgt	ctttcataat	caatgttttag	1860
ataaatgatt	gccacttttt	atatggttgt	ttagtttcaa	gcaatatgat	gtacattact	1920
tttgagaaac	agtattttga	ctaggacctc	tcttatttgt	cagcacagaa	ctgattaata	1980
tgtaatgcta	cctgctaatt	aaaatgtaaa	atcaagtaaa	gaaaacattt	taaaattaaa	2040
aaaaaaa						2047

<210> 3253

<211> 1707

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (670)...(417)

<223> similar to gil872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3253	
cggacgcgtg	gggaagaggt cccatttctg agccacagaa acaggccaca tccagtaggg 60
gtcctggaag	gctgtgagaa cccagaggag accctgaccc agcctgcagg tagaagactg 120
cctttggagg	cagctttgaa agatgactct tccagatgga agaatacagga agggccttcc 180
cacgtggagg	caccagcagg agcaaactgc cctggtgtgt tcaggcaaag agccacagga 240
gagtgacctc	gtggagtggg aagagattgt ttccatttcc cttgccaggg attggttgag 300
gaatggacaa	ggcttgcaat tcacgcaagc cagtgaatg cgaggggaag tcttgggagt 360
gggtgagg	aggtcatctg ggaaggggtg ccttgggtctt aaaaagaggc acaagaggcc 420
gggcgcggtg	gctcttgccct attatcctag cactttggga ggccaaggca ggggatcac 480
ttgaggtcag	gagttcgaga ccagcctggc caacatggtg aaaccccgtc tctactaaaa 540
atacaaaaaa	ttagccagac gtggtgccaa gcacctgtaa tcccagctac tcaggaggct 600
gaggcaggag	aatcacttga acccaggagg cagaagttgc agtgagccaa gatcgcgcca 660
ctgcaactcca	gcctgtgtga caagggcgaa actccatctc aaaaaaaaag ggggagggtg 720
gcgcaaggag	aggacacctc tctcctggcc ctgtcgccat cttccctcat caatagctaa 780
aaatggcaaa	gaagaaaagag ccaggacccc gtgccatcaa atcctccggc cttgtgctgc 840
cctgtctcgg	cactgcttgc cttaggagat caggagtgtt cctagccact gggagatggg 900
atgcttgcca	ctggcagctc tgccgtccat cctcaccatc ccaccgtccc cccaagacag 960
ctctccatcc	catcctctgc ctcccttcta gcctcaacct aactcagggc tccccgtct 1020
cacacctggg	ttgcaggaac atcctcttca ccaaccccc tccatccct cctcagggtc 1080
gcctagggca	gctacaaaaa ccaggccagc ctctgaaagg tgctccacat ctcattaaaa 1140
accgtgaaat	cgcaactgcc cactatcaga atagctcaga ggagaaggct tgccagtacc 1200
aagtgtcgtg	ggggatacgg agaagagcag ctcccaggcg ctgctggtgc aaatgtgctt 1260
tggtgcaccc	acggcaggaa actgaccagc ttctcatcaa gttaaatacg catctaccct 1320
atggcctagc	atttccactc ttgcttacac atccaggaga aatgagtcct tacatgcaca 1380
aaaggatgag	taccgtaata ctcacatcag caaataaaca atacagctgt gtgtcagtag 1440
tagaatgaat	aaattgttgt cgattcatac gttagaatac agcaatttaa aaacaactgc 1500
tacacacaaa	aatgtttgtg aatctttcag acacaatgtt gagcaaaaat agccacagaa 1560
gagtgtgaagg	ctgtacgatt ttatttaggt gaggttcaag aacagacaaa acacggtgat 1620

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agtggtcaga agagcgggta cctctgagct gagggcattg accagcagtg ggcaaaaggg 1680
aacattctga tcccagaaat gttctat 1707

```

```

<210> 3254
<211> 1380
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1370)...(9)
<223> similar to gill196429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3254
ggaatttatt ggctaattgct accgtaaaag gtggtcggac acaattttga ttcctaaagg 60
tcttgtaga aagaaaagag agaacatatt tatatttacc tccctcccct ttatacttat 120
tatatttacc ctcccaaatt gtgattgaac tttgagccat agctaatttc cataatcctg 180
aatgttctctg tcctatggca ggagatatca tttttggaat aggggtgata atgccaccag 240
ggctccatat aataggaaca tcagcttcctg tctgaatgta ccgtgtatgg ttctctttcc 300
aatgagtcctc tcagcttatt ttataagaag gcccttcagt gcaatttttc ttaaaaatcc 360
ccttagggga ccagtcaatg acgattccat aggaattatt ttgtagcacc ccagccttac 420
ttgctacaca atttcccaa tgccaagcgt ccacaccttc aaaccaaact ctattttggt 480
tacattcgag tttgtctggt cagaactgct gagtttcagg gctggaatgg ttatatttta 540
aactttgccc tgaaatcata tataaagtag cctgtgattt attttttcca gggattactg 600
ccaaccatac ttgtgtgcca atttgtaagc atccagcagc aggtcctagg catattggag 660
gatattttata tcctattgat atattcattt tcatcccttc ctcattagga tgcacggca 720
ctctgttatc tatgggctca ggcacgagg ttctgtcatt gttgtacacc tcaataatag 780
gggccatcca actcacagac ctaattaaag gaggaatgg gacataagtc caataagtaa 840
aattttgagt tgcttttaca gtaggaggc ttaccgccac agtaagtacc accatcatag 900
ccaccattag gttactagtt gtttttgatt tgttctgtgc tctcagattg tcctctgcca 960
tctgtgccag tttcctgatt tgccccatg ttggagggtc tgccctggtga gtattcttgg 1020
tcttttcctt tgtctctgag attttcattc atgccatcac tcgtataggg agttctggct 1080
cttcccagag tcctctcttc ctgggtgtggc tcatgataga ccttcagatg tttgggtgggc 1140
accacagag gcacctgatt gtcacttgga gagacagaag caaatcctct tccccatgta 1200
attatttttc ctttttccca actctttgta tgtgcatccc tccactgtat atcttgtctg 1260
gcatttttat tttccttttg tcctgttaag tgttgttcag ctgctgtcat gggctgatcc 1320
ttttgtaaaa ttacccctt taatgttgat aaagcgaggt gtagttgtgc tggaaaaaaa 1380

```

```

<210> 3255
<211> 1145
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (685)...(885)

<223> similar to gi4191265 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3255

acattgcggt	ggactttctct	tccttcgatg	ccatcactgt	aggtaagaag	gtcccactgg	60
tgctttgctt	ctttctctcc	ttccatatct	cttagtgtct	ccagagctgc	agtacaagtt	120
gggggggatg	actgtaaaag	ccagaaatcc	caagccacaa	gcacgctgca	ggtagcaacc	180
ccacacccag	caaaacaccg	cttcttcctg	cccactttcc	cctctgcgcc	aactgtacac	240
accataccct	atgcttgtcc	atttgggaaa	ctggcttcca	ggacagcatc	tttcttgaa	300
agacagcagg	aagctgatgg	tcactcctca	actctctctt	gtctctgggc	agacaggcaa	360
cagcaactgt	acatttttaa	agggagccat	ttctgggagg	tggcagctga	tggcaacgtc	420
tcagagcccc	gtccactgca	ggaaagatgg	gtcgggctgc	cccccaacat	tgaggctgcg	480
gcagtgtcat	tgaatgatgg	agattttctac	ttcttcaaag	ggggtcgatg	ctggagggttc	540
cggggcccca	agccagtgtg	gggtctccca	cagctgtgcc	gggcaggggg	cctgccccgc	600
catcctgacg	ccgcctctt	cttccctcct	ctgcgcgcgc	tcactcctct	caagggtgcc	660
cgctactacg	tgctggcccg	agggggactg	caagtggagc	cctactaccc	ccgaagtctg	720
caggactggg	gaggcatccc	tgaggaggtc	agcggcgccc	tgcgagggcc	cgatggctcc	780
atcatcttct	tccgagatga	ccgctactgg	cgcctcgacc	aggccaaact	gcaggcaacc	840
acctcggggc	gctggggccac	cgagctgccc	tggatgggct	gctggcatgc	caactcgggg	900
agcgccctgt	tctgaaggca	cctcctcacc	tcagaaactg	gtggtgctct	cagggcaaaa	960
tcattgtccc	cacccccggg	gcagaacccc	tcttagaagc	ctctgagtc	ctctgcagaa	1020
gaccgggcag	caaagcctcc	atctggaagt	ctgtctgcca	aagttccttg	aagaatgcag	1080
cattgtcttt	gtctgttccc	accacatgga	gggtgggggtg	ggatcaatct	taggaaaaag	1140
caaag						1145

<210> 3256

<211> 2096

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (30)...(1048)

<223> similar to gi487783 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3256

tagtccagcg	tggtggaatt	ccagaggtga	aacctcacgt	gtgtgaggag	tgtgggcatg	60
gatttatcca	gaagtcgtcg	ctcaaatcac	atcggagaac	acactcaggg	gagaagcctt	120
atgtgtgtgg	ggaatgtggg	cggggattta	gccggaggat	agtcctcaat	ggacactgga	180
ggacacacac	gggagagaag	ccttacacgt	gctttgagtg	tgggcgaaac	tttagcctca	240
agtccgctct	tagtgtacat	cagaggatac	actctgggga	gaagccttat	gcatgcacgg	300
agtgtgggca	aggctttatc	acgaaatcac	agctcatcag	acaccagagg	acacacacag	360
gagaaaagcc	ttatgtctgc	ggagagtgtg	ggcgaggctt	tatagctcag	tcaaccctcc	420
actaccaccg	gagtacacac	tccaaggaaa	aaccttatgt	gtgcagccag	tgtgggcgag	480
gcttttgtga	taaatcaact	ctcctcgcac	acgagcagac	acattcaggg	gagaagcctt	540

atgtgtgtgg	ggaatgtggg	cggggatttg	gccggaagat	actcctcaac	agacactgga	600
ggacacacac	aggagagaaa	ccttacgcat	gcacgagtg	tgggcgaaac	tttagccaca	660
agtccactct	cagcttacat	cagaggatac	actcggggga	gaagccttat	gcatgcgtgg	720
agtgtgggca	aagctttagg	agaaagtcac	agctcatcat	acaccagaag	atacactcgg	780
ggaaaagctt	tagaggtgca	aggagtgagg	atgtgatttt	agcaacaagt	cagccatcag	840
ccacaccagc	ggaaatgctt	agggagaagc	cttgtttgta	aggtaatgtg	gacagagctg	900
tacgtggaca	tcattacttg	tcacgtgtca	gaggacacac	tcgggagaaa	ccttcatgga	960
gtgagagtaa	ggtgttggct	ggaagtggcc	ccttaagaga	tacttggagt	caaatctatc	1020
cactgtacgc	ccaccccact	cttgttctaa	gagctttggg	gacagtcttt	tgacccctta	1080
cattccttta	gatgtgaaga	tgacagagat	ctaacttctg	agagcagagg	tgtcaagtga	1140
cgggcccttt	ggaggaatgg	tctttgcac	tgactacttc	cttctgcaac	tgtgttcttc	1200
cattagcttc	catgacactc	tccctgcttta	tttttttcta	catctctagc	ctttgctgtt	1260
tcctctccta	ccccaccttt	agattttact	cagagttcag	tctccagccc	tacaatctga	1320
gggacacctt	taccaggtcc	ccttcctaac	cctccagtcc	caaatccaag	attccttaac	1380
cacactctaa	aagttcttca	gactcaggac	ttaaaccatag	ccacgccacc	ttggccttca	1440
atgacagga	tctagcaatg	ctgcatcatc	agccttccaa	taccaggttt	aagggtattt	1500
taaacacagc	tcctcttaaa	tcctccaatc	tcagtaccca	gtgttttagc	catgctcggg	1560
tggctaaatt	acatccagga	atggtgccag	ggccttttagc	catttgtctc	tcctcacact	1620
ccagggccca	tatggcccag	gttctgacag	tttgcccttac	tccttgggcc	tggggctagc	1680
cctacctgat	accctgtgtc	aatgagtgtg	ccttggagag	ctatccactc	aggccccagt	1740
gcctctattt	gctaagggac	tctgccacag	aaaagaagg	gagagatgtt	catgtaacct	1800
caaaatactt	aggcttggtt	ttgatgctag	agaggaaaaa	ggacttggag	agagagaagg	1860
aatggctggt	ccagaggctt	ttgtccactc	cctctcactg	gaagtgggtg	atctccaggg	1920
aatccccaag	gttagcctgc	ttaggggaag	ggctaggggt	acctggaatg	taggatctcc	1980
cccatgcttg	gcctaccacc	ctaattgtgc	cgggaattggt	gggttcttgg	tcttgctgac	2040
ttcaagaatg	aagccgtgga	ccctcacggt	gagtgttaca	attcttaaaa	aaaaaa	2096

<210> 3257

<211> 1142

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(1142)

<223> similar to gi5441615 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3257

attcacatct	tattcagcat	caaagaattc	acacatgaga	gtaagcacat	gaatgtaatg	60
aatgtggaaa	agctttcagt	caaacctcat	gccttattca	gcatcacaaa	atgcatagga	120
aagagaaatc	gtatgaatgt	aatgagtatg	agggcagttt	cagtcatagc	tcagatctta	180
tcctgcaaca	agaagtccctc	accagacaga	aagcctttga	ttgtgatgta	tgggaaaaga	240
actccagtc	gagagcacat	ctagttcaac	atcagagcat	tcataccaaa	gagaactcat	300
gaatgtaatg	aagatgggaa	gatatttatc	aaattcaggc	ttcattcagc	atctgagagt	360
tcacaccagg	gagaaatcat	gtatgtactg	aatgtggtaa	agccttcagt	catagctcag	420
ccattgctca	gcatcagata	attcacacca	gagagaaacc	ctctgaatgt	gacgaatgaa	480
gaaaaggat	tagtgtaaaa	ctcttaatcg	actcctgcaa	atctatacca	gtgagaaatc	540
ttacaaatgt	attgaatgtg	gcaaattttt	catgctatta	gtattttcat	accttagtca	600
catttggaga	attcacatgg	gaataaaatt	ccattgctgc	aatgaatgtg	aaaaagccat	660

cagtcaaaga	aactaccttg	tttagtatca	aattcacgcc	atgcaaaaag	attataaatg	720
taataagcat	gtatgtgtgt	gaggagattc	agtcataacc	caacgctcat	tcaacatcaa	780
agaatttata	cctaagagaa	cttatttggg	tgtagtaa	ggcagatctt	tcaataggag	840
tttaactagt	ctttgtcata	tcagaatata	catagtagac	aagaatttga	tgtaacgcaa	900
atggaaaaac	tcgacaccac	atttcaggct	ttacccaaca	tcgaaataat	ggagagaaaa	960
ttgttgatta	tttgtttatg	aaattgttaa	tacatagtc	caatcttttt	cattgcacaa	1020
aaatctaggg	ttgacttggt	aaatgcagtg	acattttctc	atggagtcc	tttattta	1080
atgtattcta	agtaggtacg	tttattttta	cttttttatt	ataattttga	tattaaaaag	1140
aa						1142

<210> 3258

<211> 1199

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (21)...(545)

<223> similar to gill184790 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3258

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tccgcatgga	caccagtgc	agtggcccca	ccgcctggt	cctcagtgc	tgtgccacca	120
gccatgggag	cctgcgcac	caactgctgc	ataagctctc	cttcctgggtg	aacgccttag	180
ctaagcaggt	catgaacctc	ctagtccat	ccctgcccaa	tctagtga	aaccagctgt	240
gtcccgtgat	cgaggcttcc	ttcaatggca	tgtatgcaga	cctcctgcag	ctggtgaagg	300
tgeccatttc	cctcagcatt	gaccgtctgg	agtttgacct	tctgtatcct	gccatcaagg	360
gtgacaccat	tcagctctac	ctgggggcca	agttgttgga	ctcacaggga	aaggtgacca	420
agtggttcaa	taactctgca	gcttcctga	caatgccac	cctggacaac	atcccgttca	480
gcctcatcgt	gagtcaggac	gtggtgaaag	ctgcagtggc	tgctgtgctc	tctccagaag	540
aattcatggt	cctgttgga	tctgtgcttc	ctgagagtgc	ccatcggctg	aagtcaagca	600
tcgggctgat	caatgaaaag	gctgcagata	agctgggac	taccagatc	gtgaagatcc	660
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atcgtgctgg	aagtgtttcc	ctccagtga	gccctccgcc	ctttgttcac	cctgggcac	780
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aacatcagct	ctgatcggat	ccagctgatg	aactctggga	ttggctgggt	ccaacctgat	900
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tcctcactga	ccaaggatgc	ccttgtgctt	actccagcct	ccttgtggaa	acccacctct	1080
cctgtctccc	agtgaagact	tggatggcag	ccatcaggga	aggctgggtc	ccagctggga	1140
gtatgggtgt	gagctctata	gaccatccct	ctctgcaatc	aataaacact	tgctgaaa	1199

<210> 3259

<211> 3596

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3381)...(2440)

<223> similar to gi535518 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3259

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ggaagagtgt	caggcctctg	agcccaagct	aagccatcgt	atccccctgtg	acctgcacgt	180
acacatccag	atggccagtt	cctgccttaa	ctgatgacat	tatcttgtga	aatgccttct	240
cctggctcat	cctggctcag	aagetcccc	actgagcacc	ttgtgacccc	cactcctgcc	300
tgccagagaa	ccccctttt	tcctttacct	acccaactcc	tataaaacgg	ccccaccct	360
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gagccccctg	aactcttgcc	caaggctctc	tgactgactc	cttcttggtt	taacggctga	3540
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<210> 3260

<211> 2331

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2164)...(864)

<223> similar to gi4884550 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3260

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tcaggagtca	ggtagataga	tggctgctcc	acagtggacc	tggctcatggc	cctgggtttct	180
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gaggtggaaa	acgtgcttgc	tctacacaaa	gacaaatgga	tcttctatct	ccagaggacc	300
agggacacca	aaacctccct	cttcagaatg	gaggtagaca	gataaaaaatg	agaggggctt	360
gagtgtcaca	gacaatctga	aagtaataat	aggggctcac	tgtggctggc	agaactggta	420
ctgaaatggg	gactacaggg	gaagcagctt	ccagttttat	ggtggagagt	cagtccctgaa	480
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tggctatgtt	gaatcagaag	ccattatctt	tttcccagag	gatgcacttc	catccctatt	600
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agaaaaacgg	tgccctcacat	gcttgagatg	tgacagcttc	tccctgcaggc	aagaacctct	720
cagaacaagg	tcctttggta	tgagctagat	catccaggcc	tgtccctgca	gaacacacca	780
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cctgataggc	tgtgccatcc	agggccatgg	cctccttgct	tctgctgtcc	cccagcacac	960
cattctctcg	cttctcagga	aacaggccag	tgtcgagggtg	gtcctggccg	tagctcctgc	1020
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agtctatggg	tggatccatc	cacagcagcg	ggccccatgt	cctcccttgg	ccccagaga	1200
ccccagcccc	caccacctc	ctacatccca	gcagaaaagc	atgacagcta	cggacacca	1260
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cccctccggt	gcttcatctg	caccgcaate	cccacaccct	taccaagtga	agtagactga	1380
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cagcaccctg	ccgagacaca	gtgcaggcct	gtcacaaagg	cagtcctgcc	agccctcacg	1920
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ggctggggga	aaaggacagg	agaggaaaaca	agaaggtgtg	agttaacaca	agcaatgggg	2220
taaagcaagg	ctccctgccc	agccaaacta	ccacctctgt	ctctctggaa	acaaaaggca	2280
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<210> 3261

<211> 1980

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (41)...(1414)

<223> similar to gi2811216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3261

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ctccgggcct	gtgagttagg	aaatagaggt	tccaagaacc	tttcccaaag	cccaggagct	180
gtgccccaa	ctctggttgc	ctggcggggc	ctgggaccga	aactcctcag	ctcctcaa	240
gagctgggta	ctcgtcatct	ccctccagca	cccctcttcc	ctcatgaaac	tcccccaact	300
cagagtcaac	agaccagcc	tccggtggca	ccacaggctc	cctcctccat	cctgctgcca	360
gcagccccc	tccccatcct	tagccctgc	agtcccccta	gccccaggc	ctcttccctc	420
tctggcccca	gccagcttc	cagtcgctg	tccagctcct	cactgtcatc	cctgggggag	480
gatcaagaca	gcgtgctgac	ccctgaggag	gtagccctgt	gcttggaa	cagtgggggt	540
gaggagactc	ccaggaacag	cgtctctccc	atgccaagg	ctccttcacc	ccccaccacc	600
tatgggtaca	tcagcgtccc	aacagcctca	gagttcacgg	acatgggcag	gactggagga	660
gggggtgggg	ccaagggggg	agtcttctg	tgccacctc	ggccctgcct	cacccccacc	720
cccagcgagg	gctccttagc	caatgggttg	ggctcagcct	ctgaggacaa	tgccggcagc	780
gccagagcca	gccttgtcag	ctcctccgat	ggctccttcc	tcgctgatgc	tcactttgcc	840
cgggcccctg	cagtggctgt	ggatagcttt	ggtttcgggtc	tagagcccag	ggaggcagac	900
tgcgtcttca	tagatgcctc	atcacctccc	tccccacggg	atgagatctt	cctgaccccc	960
aacctctccc	tgcccctgtg	ggagtggagg	ccagactgg	tggaagacat	ggaggtcagc	1020
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tgaaccgtgt	ccctgagact	tcccagacgg	gaatcagaac	cacttctcct	gtccaccac	1200

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tcccaagcct	ccagagagtt	ctccctccac	gattgtgaaa	acaaatgaaa	acaaaattag	1320
agcaaagctg	acctggagcc	ctcagggagc	aaaacatcat	ctccacctga	ctcctagcca	1380
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aatggtaaag	acttgagttc	tgtgagatca	ttccccggag	caccattttt	aggggagcac	1860
ctggagagat	ggcaagaatt	tcttgagtta	ggcagggatc	aggcattcat	tgacactcag	1920
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<210> 3262

<211> 1824

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1827)...(319)

<223> similar to gi854124 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3262	
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aacattgacc	aaaggaccca aacagacgag gcccggaag ggcagccca ggggactggg 180
gtctctcctc	tcccagggcc cagagcagct gcattgtgga agccgggatg ccccagccc 240
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gccgctgctg	gtggtcaaag	aggccaaagc	catggctggt	gccgaaggcc	acgagccgcc	1620
actcagagtg	cagggccaag	gaggtgacca	cagccggggg	ctgacactgc	accaacacga	1680
agggtgaaa	gccaggctca	aagcgcacgg	gccctgagcg	ggctgccagg	cgctcgtgcc	1740
ccttcacgcg	gtagccctct	tggtcaaaaa	gcaggtaagc	ctccacctgc	tccacagcca	1800
gctccgctgc	ctcgtcattc	agtt				1824

<210> 3263

<211> 1299

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (302)...(1272)

<223> similar to gi5917666 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3263						
ctgtggtgga	attcgtacct	ctgagtgtcc	tctaggatct	cagctggtgc	ctaacaatga	60
cctcttttaga	ctcagctcat	tttcaactgt	acatcttcaa	gccattctcc	tgccctcttg	120
caacctctag	tggcccagct	tctgacctac	agcagcctct	ccatgcatgc	ctagctcctg	180
cctcttttagg	gaacttacag	gcctaaaact	ttcttaattt	gggtcttctc	ggcccagctc	240
ctgccttctg	ttggcctcta	caggcctggc	atcatccttt	caacagcctc	tttaggcccc	300
gcctctccag	gacaaaaaca	tccttaagtc	aacctcacca	ggcccggctc	ctgtctcctt	360
gcggcctcca	gaggccgagc	ttttgcctgc	caatggcctc	tctagcccca	gcttttgctt	420
gccaatggcc	tctctagccc	cagcttctgc	ctttcatcgg	tctctccagg	cttagctcct	480
ttctcttcac	ggcctctgca	ggcctaaaac	ttcctcaatt	tggcatctcc	aggcccagct	540
cctgcctcca	ggccgcctct	gcaggcctat	ctcaagcctt	acaacagcct	ctttaccccc	600
agctcctttc	tccgacttgt	ctctccaggc	ctagaacttc	ctcatgttta	cctcaccagg	660
cccacctcct	gccttccagt	agcgtctaca	agtttggtc	ctgcctccca	tggatctctc	720
caggcccca	actttctcaa	gtcaacctca	ccaggcccg	cttctccctt	tcatcagcct	780
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cagggccttc	cagaccacgt	tcctgccttt	tagcagccac	tacaggccca	gctttgcgtc	960
ctttcaagag	tcctgcctca	cagtggcctc	ccaagggcaa	ctttctgcct	catgtcagcc	1020
tcttggtgcc	tggtcctgct	tcctggtaga	ctctgcaggc	cctgctcctg	ccttacgttg	1080
ccccttttat	aaagatccag	ttcctgcctc	ctggctgcct	ctatgagccc	aaatcctgcc	1140
taacaacaac	ctgtttttgc	ccagctcctg	cttctgggca	gcctccttag	gccaaaaatt	1200
tccttcagtt	gacctctcca	ggccatcct	cctgcctctc	agcaccctct	ttaggcccag	1260
ctcctgcctt	aataaatttg	aataaattat	tgttatgtg			1299

<210> 3264

<211> 2188

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (74)...(2141)

<223> similar to gil015321 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3264

gtacagtgcg	gtggaattcg	ctgaccatga	gccgctgggg	gttcatgtct	gggctctgaa	60
ccccttttagg	ctgggttcttc	gtcggatcct	gcgtcgagct	gtgcgtttct	tcatggagat	120
cttaaaggca	ccacctggct	tcctaggcag	cctgggtacct	gtagtgggtg	agacactggg	180
agatgcttat	ccagaactgc	aaaggaactc	agcccagatc	gccaacctgg	tgtagagga	240
cgaggcagcc	ttcctggcct	ccctggagcg	gggtaggcgg	atcattgac	ggactctgag	300
gacctggggg	ccttcagata	tggtccctgc	tgaagtggcc	tggtccttgt	cactgtgtgg	360
agacctggga	ctcccccttg	acatggtaga	gctgatgctg	gaggagaaag	gggtccagct	420
agactccgct	ggactggagc	ggttggccca	agaggaggcc	cagcaccggg	cacggcaggc	480
tgagccagtt	cagaagcagg	gattgtggct	tgatgtccat	gcgcttgggg	agctgcagcg	540
ccaaggagtg	cccccaactg	acgacagccc	caagtacaac	tactccctgc	gacctcagcg	600
aagttatgag	ttcggcacct	gtgaggccca	ggtgttgcaa	ctgtatacag	aggacgggac	660
agcagtggcc	tccgtgggga	aaggccagcg	ctgtggcctc	ctcttgga	ggaccaactt	720
ctacgcagaa	cagggggggc	aggcttcaga	ccgtggctac	ctgggtgcgg	cagggcaaga	780
ggacgtgctg	ttcccagtag	cccgggcccc	ggtctgtgga	ggtttcatcc	tgcatgaggc	840
agtagccctt	gagtgcctgc	ggttagggga	ccaggtgcag	ctgcatgtgg	atgaggcctg	900
gcgtctaggc	tgcatggcga	agcatacggc	cacccacctg	ctgaactggg	cactgaggca	960
gaccttgggc	cctggcacag	agcagcaggg	ctcccatctc	aatcctgagc	agctgcgctt	1020
ggatgtgacc	accagagccc	cattgacccc	agagcagctc	cgggcagtgg	agaacactgt	1080
gcaggaggcc	gtggggcagg	atgaggctgt	gtacatggag	gaggtgcccc	tggcgctcac	1140
tgcccaggtc	cctggcctgc	gctctctgga	tgaggtttac	ccagacctg	tgccgggtgg	1200
atcagtgggg	gtgcccgtg	cccatgcatt	ggaccagcc	tcccaagccg	cactgcagac	1260
ctctgtggag	ctatgctgtg	ggacgtgagt	cactcctttg	tgctgcctgg	cccaggggac	1320
ccggatcctt	gcccttccct	tggtcttttg	agccatcagc	ccttaatggg	agatgcacgc	1380
tggtcttctc	cttctctact	gtcatgcccc	gactttctgt	tactccttc	ctccacagg	1440
cacctgttac	gtactggggc	tgtaggggac	ctgggttatca	tcggggaccg	ccagctttcc	1500
aagggcacta	cccgcctgct	ggccgtcact	ggggagcagg	cccagcaggc	ccgagagcta	1560
ggccagagcc	tggcccagga	agtgaagcg	gccactgagc	ggctgagtct	ggggagccgg	1620
gatgtggcgg	aggcactgag	gctgtccaag	gacataggac	gactcattga	agctgtggaa	1680
actgctgtga	tgccccagtg	gcagcggcgg	gagctgctgg	ccacagtga	gatgctgcag	1740
cggcgtgcca	acactgccat	ccgtaagctg	caaatgggac	aggctgcaaa	aaaaactcag	1800
gagctgctgg	agcggcactc	gaaggggcct	ctgattgtgg	acacagtctc	tgctgagtct	1860
ctctcagtgc	tggtgaaggt	ggtacggcag	ctgtgtgagc	aggccccag	cacgtctgtg	1920
ctcctactca	gccccagacc	catgggggaa	gtgctgtgtg	cctgtcaggt	ggcccagggt	1980
gccatgcccc	ccttcacagc	agaggcctgg	gcactggcag	tgtgcagcca	catggggggc	2040
aaggcgtggg	gctcgcgagt	ggtggcccaa	ggcaccggaa	gcactactga	cctggaagct	2100
gccctcagta	tagcccaaac	ctatgccctc	agccagctct	gacctcaggtc	cgcccaggga	2160
cccacatgga	ctaaatgtaa	ttaaaagg				2188

<210> 3265

<211> 975

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (934)...(356)

<223> similar to gi1872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3265

gtggtggaat	tcaccgcacc	taaaatgcac	ttgcactatt	actcagcagc	agtaacatgg	60
taacacttaa	aatggtactc	ggggacctcc	aaagactaaa	ctgacaagcc	ttcaaggagc	120
ccaggggcta	gagtataatg	gtgcatctg	ggctcacccg	aacctccacc	acctgggttc	180
aagcaattct	gcctcgcccg	ctcgagtagc	tgggattaca	ggcatgtacc	accacacccg	240
gctaattttg	tatttttatt	agagacgggg	tttctccatg	ctggtcaggc	tggcctcagg	300
tgaccacact	gcctcgccct	cccaaagtgc	tgggattaca	ggcgtgagcc	acacctggcc	360
taaaaatcat	ttaatttttt	atgcttgctt	agttataagg	tcaaagagaa	tcaaatgact	420
gatgcagtca	gcacctaaca	acctctgtat	atgggaaggg	ggtaatgaga	acatactatt	480
tggaaataat	aacagcctaa	gagccaagtg	ctgaagttac	atttctgcct	accacagcta	540
aagctctcct	cactgtctcc	taccagctcc	tcctttccat	caattaccag	tctcttgtat	600
aaatgtatcc	attaccaggc	tcacagactg	ggagtgattt	ttctcctttg	gagctcgtcc	660
agaatccatc	agcctcacac	acatattttac	ctgcaaatca	ttggaaaagc	aaaaatgttt	720
aactgcatgt	ataagatggg	tgtcattttg	ttgaataccc	ccttgaaaaa	tgttgattct	780
tgagcatcag	tgggacatag	aggtgtctga	agaaccattt	tacatgattt	cataaatagg	840
aggtctctgc	attaccatgt	ttgcttgcaa	agtggaaacc	ttttagatgt	gtaacttgaa	900
tgtatcaaga	tctcaagtgc	ttaatgataa	ggtgttgact	tgttaaatta	aaccatttgg	960
aatacaaaaa	aaaaaa					975

<210> 3266

<211> 1334

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (25)...(878)

<223> similar to gi219867 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3266

ggacgggcat	tcctccacac	ggagttcctg	gtcagcctgg	tggccgctga	cttctcctcg	60
atcagcaacc	tgccctccg	cgtggactac	tacctcctcc	atgagacctg	gcgctttggg	120
gctgctgcct	gcaaagtcaa	cctcttcctg	ctgtccacca	accgcacggg	cagcgttgct	180
ttcttcacag	ccatcgcact	caaccgctac	ctgaaggtgg	tgcagcccca	ccacgtgctg	240
agccgtgctt	ccgtgggggc	agctgcccgg	gtggccgggg	gactctgggt	gggcatcctg	300
ctctcaacg	ggcacctgct	cctgagcacc	ttctccggcc	cctcctgcct	cagctacagg	360
gtgggcacga	agccctcggc	ctcgtcccg	tggcaccagg	cactgtacct	gctggagtgc	420
ttcttgccac	tggcgctcat	cctctttgct	attgtgagca	ttgggctcac	catccggaac	480

cgtggtctgg	gcgggcaggc	aggcccgcag	agggccatgc	gtgtgctggc	catggtgggtg	540
gccgtctaca	ccatctgctt	cttgcccagc	atcatctttg	gcatggcttc	catggtgggt	600
ttctggctgt	ccgcctgccg	atccctggac	ctctgcacac	agctcttcca	tggtccctg	660
gccttcacct	acctcaacag	tgtcctggac	cccgtgctct	actgcttctc	tagccccaac	720
ttctccacc	agagccgggc	cttgctgggc	ctcacgcggg	gccggcaggg	cccagtgagc	780
gacgagagct	cctaccaacc	ctccaggcag	tggcgctacc	gggaggcctc	taggaaggcg	840
gaggccatag	ggaagctgaa	agtgcagggc	gaggtctctc	tggaaaagga	aggctcctcc	900
cagggctgag	ggccagctgc	agggctgcag	cgctgtgggg	gtaagggtg	ccgcgctctg	960
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accaggggcc	aggccaaagc	actggcagga	ctcaggtggg	tggcaggggag	agaaaccac	1080
ctaggcctct	cagtgtgtcc	aggatggcat	tcccagaatg	caggggagag	caggatgccg	1140
ggtggaggag	acaggcaagg	tgccgttggc	acaccagctc	agacaggggc	ctgcgcagct	1200
gcaggggaca	gacgccaatc	actgtcacag	cagagtcacc	ttagaaattg	gacagctgca	1260
tgttctgtgc	tctccagttt	gtcccttcca	atattaataa	acttcccttt	taaatatatt	1320
tatttgcaag	acca					1334

<210> 3267

<211> 3262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3236)...(2843)

<223> similar to gi3219569 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3267

ttttatgctt	tttgttcttg	attttatttt	acataattgc	atgtataaac	tttctgatgg	60
attgattttt	cctttctgtc	ccgattatct	agcctctgat	gtgctcaaga	gctggatctg	120
ctgacttatc	aaaaaagtga	catttggcca	ggcacggtgg	ctcagcctca	cctaattggt	180
tcttagcaaa	cttcagtaga	atgtttagaa	cgcgccctg	ataaacttga	gtgctggtag	240
gaggtgctac	ctcgctcaat	ctgtgagcaa	ccagccctgt	gccctggatg	cttggcgggt	300
ggagagaaa	acagtgttat	gtgggcaagc	ctccaactca	ccagttgcag	tagagcatct	360
ggctctctgt	ctgctgctat	agccctgtga	gtcagccaga	cggtgtggtc	ccaagccagc	420
ttcccacct	gcacccttgt	tctgctacag	ctccccacc	tgccctcttg	cattgcctag	480
gatcccacgc	cccgttttca	gtctgctctg	ggacatctgt	cttcttcttt	gcaggggact	540
aagtatatga	cttaatgaat	cctaaaagga	aaaaaagatg	tcaggaaaaa	aaagtgcaca	600
caagaaatgt	tgcaacatct	catccttagc	aactttgttt	ggttagtact	gcataactca	660
cagcagattc	caaggcacct	gccttgaaca	ttgctacatg	ctctaggcat	tatcaggaac	720
gcagccaggg	tgcctgcaaa	gttgtctcca	gtttctgggt	aagaggacca	tcattccatat	780
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cctgatggat	acattctgta	taatacgtta	ccatcacaat	ttcatgaatg	taactaatga	900
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cacataggca	ttttatacaa	aggcaagtca	aacagcaatg	gtagtggcaa	gtgatgtatt	1020
tggcttaaag	aagcttgtgt	tactgaagtt	aacgcagaag	tctggcctcc	gtttgtggga	1080
ttattaaata	tatatcttac	gggatcagag	tcatctatta	gaaacagtga	tagccctggg	1140
tataaataaa	catttcttta	gagtttggcg	tcagtttttc	aatgtccatc	ctcaaatacag	1200
acagtctgtt	tgaggggtca	gttttcaggg	tgcactctgca	ccgagaggct	tgaggcagca	1260
atgaccacctg	ggctgcagtt	cggttgcagg	cgctgggtggc	gggcagtcca	ggttggaggg	1320

tggagatggg	ccaaggtcac	agatgctgca	gggcttccctg	tccttgctct	gtgtaaccgt	1380
catcgcggtg	gggttttgcc	cactgtccaa	aggactcctg	gatgtgcacg	tttctctgtg	1440
tgttgccag	gcgtttctta	tctcgggaga	agaagctaaa	cagtcgcttg	atgcccgact	1500
ccggctgggg	ggacgtcctc	gggtgggcga	tgggtggggg	ttgggggtatt	cggttttct	1560
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tggggtcctt	gagatccatg	gccaccttct	ctgcgtcgga	gatgctctcc	tctcccaccg	1740
gctccgtctc	aggctcctcc	tccccattct	ggctgtgctc	cccctgcagc	ctctctcgca	1800
acttccccag	ctctgctcgc	aggctgcccc	tctcctgctc	cttgggtctgc	aggctcgct	1860
ccagctccac	cttctgttcg	atcagggctt	tcccctgggc	ctccaccacc	gtgaccgggt	1920
gccgaaggtc	atggttgatc	ttcatcagcc	gtgtctgctg	ctgctgtaaa	gcctcaacgt	1980
cctcattttt	caggcccagc	tccctgtcct	tggcgcggt	ctcgctcgct	tgtttgtcca	2040
ccacctcctt	cagcttcttc	atcacctgtc	gctcccgtc	tgacatgcct	gtcatcccag	2100
ctacttagaa	gactgaggtg	ggagaatctt	ttgagcctgg	gaggttgagg	ctatggtgaa	2160
ctataattgc	gccactgcac	tccagcgttg	aagacagaga	cctcaaagaa	ctgaaaacat	2220
aggtccacac	aaaagcttga	gcacgatgtt	cacagcagca	cgattcaca	cagccaaaag	2280
gtggtgacgt	ctcacaggtc	catccataga	tgagtgggca	aacgacatgc	agtatggctt	2340
catgcttctg	gaactcctcc	tctgagaagt	tgacatcctt	gtgggagagg	ttggtcatga	2400
gctgcttggt	ctcctcctgc	agctgggcga	tctgggagag	gaggtcctgc	gcctcccctc	2460
gccacacatc	ctccaccagc	tccagctcct	caggctcctc	ctccccattc	tggctgtgct	2520
ccccctgcag	cctctctcgc	aacttcccc	gctctgctcg	caggctgccc	atctcctgct	2580
ccttgggtctg	cagggtctgcc	tccagctcca	ccttctgttc	gatcaggggt	ttcccctagg	2640
cctccaccac	cgtgaccggg	tgccgaagg	catggttgat	cttcatcagc	cgtgtctgct	2700
gctgctgtaa	agcctcaacg	tcctcatttt	tcaggcccag	ctccctgtcc	ttggcgcgga	2760
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ggttgggtcat	gagctgcttg	ttctcctcct	gcagctgggc	gatctgggag	aggaggctcct	2940
gcgcctcccc	tcgccacaca	tcctccacca	gctccagctc	cttctgggtgc	ttgcgtcct	3000
tctcgatgcg	gtccatcctc	tccaggcgca	ggcggtccag	ctccaggcgc	agctcgtcca	3060
gctcgggcgc	gacgtgggtg	cggctgacca	gcacctccag	gatctccagg	acgcgcacga	3120
ccttgggcat	gaggcgcgcg	atggcctcgc	agcctgtctg	gtcaatgacc	cgtcgaact	3180
cgtggcccac	aagcgacgcg	atgtcgtaca	cgtccatgac	ggtcagctcg	gccacgttct	3240
tgtccagcgc	cggaattcca	cc				3262

<210> 3268

<211> 1610

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1568)...(248)

<223> similar to gi217730 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3268

ttttatcacc	atttctctga	ccccctccctg	tcttaggtct	gaataattgg	gtcaccata	60
ggaatgcaga	acccaggggtg	ggcagagcag	agcagcactt	gctggcgata	ggcctcgagc	120
ctgtgtttct	gagtccttga	ggaccacgag	ctaacaggag	ctgggtctgta	ggttgctctc	180
cgtaagcagt	gatgcaatgg	acgagggatc	gtagacactg	tcgaattcct	catctgagct	240

cagcccttcg	tttttgagag	ctgactcagc	agctgagcgg	gaagctttgc	gccaggagtc	300
cttctccaga	gacttgatcc	gggcctggag	ctgttcattg	acctcatgct	gctcctccac	360
ctcacgtcgg	gccttcttcc	tcaggccgtc	cagtcgctca	atttctctct	ctgcttcac	420
cacctgacgc	ttcaaagcct	tcaccctcag	gcttagctgg	tctttctggg	cattgacatg	480
ctgccgctcg	tcttcaatct	ggatggatag	ttctttaact	ttccgctcca	gttttcgatt	540
ggtagactgc	agaactgtct	tctccctctc	ttcagcctgt	agccgctcct	gcaacaactg	600
attctgggac	tcaagctgag	agaggctggc	actaggcttc	tggaagcctt	ctgagctggc	660
caaccgggtc	ttcaggtcct	tggtctgtct	ctccaaggag	attttgtcac	actccaggtc	720
ctgccgagca	gacctttcct	gcatgagctc	tgctctcagc	tgatccacct	ggtcccggcc	780
acgattcacc	cgatctgtta	gcagctccac	gggtgttcttc	tcctcatcta	actctgtttc	840
cagccgtgag	actttttcct	cgagaccctt	cagctgccgg	gccctgtcgt	cctgggaacg	900
cttcttgttc	tctgctctct	gctccagccc	ctgcagtcgc	tgggccagta	gctctttgtc	960
cagccgggct	gtgtcccgtc	cagcctggga	tgctgcagg	gcctgccgca	gcctctggat	1020
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ggcctggcgc	tgggcatctg	ccacctcccg	ccgggccttt	tccttataat	cctccagctg	1140
ggcctggagc	tgctgcaggg	cttgcttaga	gtcctccccg	atcttctcca	actccttggt	1200
cagtcggtcc	acagtcctgt	ccagcaaacg	cttctgctcc	tcagctcag	ccttgccctg	1260
ccggagcacc	tcccgtgct	tcccttctct	ctccagggcc	cgggttcagt	tctgctgctc	1320
ctgccccagg	cgggccagcc	cccgtgagc	ctcctctagg	cgtgcctcca	gtgcccgtt	1380
ggctgctgcc	agactcccct	cctcttctct	ggacgcattc	agggcctcct	ccagctgctg	1440
tttctctgcc	tccagccgct	gcagcttgct	ccgtagtcgt	gcctccaccg	cttccccacc	1500
atccaccaga	cctcgagtct	ccttcagctg	ctgctccaaa	cccaggatgc	gccggcggaa	1560
ttcgtcattt	tcctcctggg	tctcccgaag	cgtcgtctcc	actgcggccc		1610

<210> 3269

<211> 2841

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1598)

<223> similar to gi306712 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3269

caacgtccca	tttgacctac	caagcccatt	ggacaacggg	tctcaaaggg	gcacccagcc	60
ccacccgcca	cggatttcac	ccagttccat	tgctgcccac	gagaccattt	cgcggctggg	120
gggtttctca	gcgggtcaag	tgccagtacc	tggatctcat	caaaaaggga	ccccagcaag	180
ctgttcaatg	aggagcgggt	gatcgacaag	accaagggtga	catatctgaa	gtggctgctt	240
gagtcggaga	gcctgttcct	ggcatcacac	gccagtggcc	acctgtacct	gtacaacgtc	300
agccacccct	gcgcctcggc	cccgcctcag	tacagcctgc	tgaagcaggt	catggggctt	360
ctctttctat	gctgccaaaga	gcaaggcacc	ccgcaaccgg	ctggccaagt	gggcggtggg	420
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<210> 3270

<211> 2443

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (323)...(1840)

<223> similar to gi3327222 in the genepept database release 114,

Run with FASTXY 3.3t00, default.parameters

<400> 3270

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cccaggtttg	tcattctcca	ggcattctcag	aaccagtatc	ctcttgagaa	gcattcaagg	180

aaaaagtcca	gaaagtgcgc	tgtcagacca	cgtcactaag	agtttcatca	agctcttaga	240
gategctcct	gcagggccca	ctgctgtgct	tttctgaaac	atccatttat	taacagagcc	300
ccactatttt	aacatgttcc	aggccctagc	acaaaacaca	gatcttaaag	aacgcttacg	360
cagaatccat	gccgagtctc	tgtcctctga	ctcccccgct	gtcgccaagt	cgggtgacaa	420
tctggcagag	gaaaactcca	gagatggaaa	accgagctct	agttcatcag	cttttctaag	480
aaagtaggac	tcttccatca	cttgactccc	tttctggagt	tttttttga	tgtttcaggg	540
aagttctgtt	atctccaagc	tcttcagaaa	acgagatttc	tgatgatgac	tcatatgtca	600
gtgacataag	tgataatctt	tccttagata	atctcagtaa	tgatttagat	aatgagagac	660
agaccttggg	gcctgtcctt	gatagtggtc	gggaagcgaa	gtcccggaga	agaacgtgcc	720
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ggcagagggtg	gattgagcac	tatggagaga	ttgtcatcaa	gaacctgcat	gatgattcct	1320
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aaaagatact	ctaggatgat	cacttggtgt	tatcttagca	ttgtaactct	ttaagtctat	1980
attttcctca	gtgcgtttct	ttacaatttc	aaatgttacc	ctgattgttt	atatgaatgt	2040
agaacacctt	gacatttttt	tttatatata	aactatttaa	taaaaatgaa	agattgaatg	2100
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ccaattaaat	ttatgcctta	taaaattatg	ttgtagaaaa	aaaatcaacc	tctcccaggt	2220
gcattaaaga	ataagaattc	ccagggttac	tcacccatgc	gtaagctacc	caagtttaat	2280
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ctgctggtgc	tggagtctga	agaatatttt	catttgcatt	ttagtggtta	gggagaggat	2400
ataagattaa	tggaatgtat	atttttatat	aagacgtata	cgg		2443

<210> 3271

<211> 3639

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(717)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3271

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tcttggtttg	cctattttta	aatcagggtg	tttgttttct	tattattgtg	ttctctacac	180
tgtaggatat	tctacctttc	ctagaatttc	atgtaaatgg	actcagacat	actgttgtgt	240
ctggcctctt	ttgttcagtg	taatgttttt	gagcttcctc	cttgcctgtt	atgtgtatca	300
gtgattgatt	caatttttat	tgctgcatag	tattggattg	tatagctata	ccacaatttg	360
tttattcatt	ctcctgttga	tggaatattg	gttgtttcca	gtatttagct	attattattt	420
tatttttttt	ttttgagacg	gagctctcgt	ctgtcgccca	ggctggagtg	cagtggcggg	480
atctcggctc	actgcaagct	ccgcctcccg	ggttcacgcc	attctcctgc	ctcagcctcc	540
caagtagctg	ggactacagg	cgccccccac	tacgcccggc	taattttttg	tatttttagt	600
agagacgggg	tttcaccgtt	ttagccggga	tggctctgat	ctcctgacct	cgtgatccgc	660
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gaagaaatat	taagttgtcc	ataatctgtt	atatctaact	attataaagt	ataaataaaa	780
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gaatggcgtg	aaccaggag	gtggagcttg	caatgagcgg	agatcgcgcc	actgcactcc	3540
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ggacaccaa	aaacactcct	catgccccaa	gtcataccc			3639

<210> 3272

<211> 1829

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1712)...(957)

<223> similar to gi6003574 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3272

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cttggtttttt	cctcaaaatc	catccctaag	agtcaggagc	tacaagttta	taggtacgca	180
tttgatatgaa	tatgcttgcc	atggattcta	aggacctagg	aacatctagg	aatacaggac	240
attacattttt	tattttgaaa	aaatatttaa	attaaattta	catgtacaat	ataatatcac	300
tttcagggaac	aaaaaaacat	taatggaaag	taggaatata	cttaaaacaa	aattattttt	360
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cataagcagt	tcatttagat	gagttaaccc	tttggaagct	aaaatgaact	ctgaagataa	840
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cagggtctgtt	tctcctttta	gattagtctt	gtgaaaattc	atctttttta	ctacagaggg	1380
gcaattctcc	ttggaacatg	acaattctcc	ttctgacttc	tttttcaatt	tttttaatga	1440
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acttcctaag	tcatcagaca	tgtgtcgcc				1829

<210> 3273  
 <211> 672  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4)...(646)  
 <223> similar to gi488555 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3273

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aagccctatg	agtgtaatca	gtgtggcaaa	gccttcaggg	acagctcctg	tctgaccaag	180
caccagagta	attcacacta	aggagacccc	atatcagtgt	ccagaatgtg	ggaagtcctt	240
caagcagaac	tctcacctgg	cagtacatca	gagactccat	agcagggagg	gtcccagccg	300
gtgtcctcag	tgtggaaaaa	tgttccaaaa	gagctcatcc	cttgttcgac	atcaaagagc	360
acacctggga	gagcaaccca	tggaaacata	atggttgggg	gccacatgag	tcttccagtt	420
cactctcact	cctgtgttta	ggaggcgtgt	cttagatctg	actcctctct	ggtcagtaga	480
aaagaatcct	ttaagctatc	cagtgaattg	atgaatgtga	gacattgctg	agccacactg	540
ttaagtctgc	tcattgggga	actccagaga	caacttaggc	atgagggcag	aaaagtcttt	600
ggggatgatt	cagtctgtac	cagacatgac	aacacacaca	ctggaatgaa	atgtgcaaac	660
atgggggtga	ct					672

<210> 3274  
 <211> 1605  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1597)...(227)  
 <223> similar to gi1575333 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3274

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tgatctactt	ttaccagatt	taacagatcc	ttgaatttac	tttactgtat	atacttcctt	180
cttgctcaca	ttgggaatca	aactaatgct	ggaaacatgc	atcttcagac	ttcattgagg	240
aattccagat	tgagacacgc	tgggatgtgg	attgagtcca	tgggttagaga	agatggatta	300
aatggaaaca	aaacaggaaa	catgtgcttg	gcacttaata	gcagttgctg	agggtcattc	360

cgctcttgta	gttggtgcctg	gattgttcgt	ataaaggcca	ctgttaccg	ttcttcaaat	420
tcattcagg	gagtataaag	gtttaaaatt	ttgacaatct	gctgggtgct	gagggaggta	480
cacagggagc	agatagcctc	tgcgtcctcc	tgggttttct	tctttaattg	caggagctgg	540
gctgcttgga	tcagagggtc	catggtctga	actgctccac	tctggtgaag	gtttcttccc	600
cgaagccact	cctcaagctg	acttatattg	tacctgagtt	gcatgcctgt	gctccaagag	660
cagacgtcct	tccgcaggag	caggtcatta	agagtcactg	cggtgatcat	gtagaagagc	720
tgtttgaata	cctgcaggat	gatctcagg	tccaagccct	ggtcacacat	gactgtatga	780
aaggcattca	tctggcggat	gatagcttcc	aggcggtag	agttatcctc	atctgccatg	840
ctggaggagt	gcttctggga	gccagtgggc	ttcacaccag	atagaccctg	aatgctctaa	900
ttttccaaca	tggcagaaac	tatcatcggc	tgtaacacac	cctcggcaat	tttaatgagc	960
tgtctgtaga	tctgaatgga	aaggtcacgt	caggcacctg	acggtattcg	gtgagggtcaa	1020
aattcttaag	acagtgttca	attctgcttt	gcagtgttat	gagtcatgaa	gccctcatcc	1080
ccgctgtact	gcttcagaca	gtgaagaagg	cggcagggtg	tggataacca	gaatgacgtc	1140
atctcaaagt	catcattgtg	ctttttcagg	actttcttaa	tgccgttgat	ggtggagggtc	1200
agcagggagt	gcaccttgag	atcgtcgttg	gtgtagtccc	gcgtgccgga	tgcacatgta	1260
gaggatgtag	gcggggagac	agggcactgt	gcccgcacgc	atctggggct	tcaagtctgt	1320
caccagggtc	cggatgagga	gggcctcgtc	ctctttgtgg	tactccagca	tgccctggaa	1380
atccttctct	ttccgctgga	ccgtgacctg	cctgttgagc	tcatggcgct	tcctctcact	1440
ctggggccaat	gcctgggcag	cttctagggtc	ctgggctttc	ttcatgtaaa	tcttcagttg	1500
ctttttgagc	ttcctctcat	tcttttccag	cttttctacc	agttctttaa	ggtccagatt	1560
ctcgttggtc	agccgggata	tttctgctg	aacgcgcctc	gtgcc		1605

<210> 3275

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (675)...(226)

<223> similar to gi4164002 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3275

cccccttttt	tttttttttc	aaaagtgttc	tgtttaatac	gctttgtctg	gtagtgcttg	60
ggtgcctgtg	gttggtttct	ctcactggaa	ccagtctctg	gccccactcg	cctggcttcc	120
tccagtcgcc	ccaggtcctg	gggctgggtg	gtcagaagct	gcctttgtcc	tctccattca	180
tccatccttg	ggcctgtctg	gcctatgatg	ccctcattca	gctctcagg	tccagagggtg	240
actgggtgtg	atcctgctcg	ctgtgccaa	atggccctcc	agatgcggca	taccatccct	300
ccccgtggg	taatggactc	agtgtggctc	agccagaagg	tggccctgga	ctctatcttg	360
cacacactgt	ctgcccagtg	ccccctctgt	ccctagggga	cccagggtgc	cctttgggtt	420
ccaggaagga	acctaggcag	gcctgcagtt	ggccaggatg	aggccatctg	catgggtcac	480
acttgggggg	cccaggatgt	acctgatgcg	ggtgtagatg	aggtcatctc	gagtggcata	540
ggtgagcaga	gtgtggagg	tgaagctatg	gttcaacagc	tggatgtgg	caaagaccg	600
cagaaagagg	gaaataagaa	attacagaaa	gatgtgtcga	gaccaggtg	ctagctctgc	660
tctgttgcca	aaataatgag	gcagatcaca	cccttctggg	cctcagtttt	ctcatccata	720
caatgggacg	agaataactaa	gtgttcttct	ggtagtgaga	ttct		764

<210> 3276  
 <211> 2281  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (62)...(1054)  
 <223> similar to gi3877677 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3276

atggctgatc	gggggaggcc	gagaaccgca	gggactggcc	gagaaatctc	ctttacagac	60
aataggtgaa	gaacaaaccc	agaatcccta	cactgaactg	ctagtactga	aggctcatca	120
tgatattgta	cgatttctgg	tacagttaga	tgactacaga	tttgcactcg	ctgggtgatga	180
tggaattgta	gttgtgtgga	atgcccagac	aggggaaaaa	cttttagaac	tgaatggaca	240
cactcaaaag	ataacagcta	ttattacatt	tccttccttg	gaatcttgtg	aagagaaaaa	300
tcaactcatc	ttgacagcct	ctgctgatag	aacagttatt	gtgtgggatg	gtgatactac	360
cagacaagtt	cagagaatat	catgcttcca	gtctactgta	aagtgtttaa	ctgttcttca	420
gagactagat	gtttggtctt	ctgggtggaa	tgacctgtgt	gtgtggaacc	gaaaattaga	480
tctcctgtgt	aagactagcc	acctttctga	tacaggtatt	aagtgccttt	ggttgaaata	540
ccctaagaac	ctgtgtttgt	gcagcagttg	gcaaagaact	gataattttc	aggttggtag	600
caccacaga	aggatcacta	gaatgggata	ttcttgaagt	taagcgcttc	cttgatcacc	660
aggataatat	tctctcattg	attaatgtca	atgatttgag	ttttgtcacc	ggctcccacg	720
tcggagagct	gatcatctgg	gatgccctgg	actggaccat	gcaggcctat	gaacgcaact	780
tctgggaccc	atctccacaa	ctggacaccc	aacaagaaat	aaaactctgt	caaaaatcaa	840
atgacatttc	tattcatcat	ttcacatgtg	atgaagagaa	tgtatttgct	gcagttggaa	900
ggggtttata	cgtgtatagc	cttcaaata	agcgtgtgat	tgcttgccag	aaaactgcac	960
atgactccaa	tgctctgcac	attgccagac	ttccaaacag	gcagttaatc	tcagtctcag	1020
aagatggcag	tgtacgcatt	tgggagttaa	gagaaaaaca	gcagcttgca	gctgagcctg	1080
taccaacagg	tttttttaac	atgtggggat	ttggaagagt	cagcaaaca	gccagccaac	1140
ctgttaaaaa	gcagcaagaa	aatgctactt	catgttcaact	ggagcttatt	ggagatttga	1200
ttggacactc	atcatctgtg	gagatgtttc	tatactttga	agatcatgga	ctagtgcagt	1260
gctccgctga	tcactctcatt	attttgtgga	aaaatggaga	gcgagaatct	ggattgcgca	1320
gtttaagatt	atttcaaaaa	ttagaggaga	atggtgactt	ataccttgct	gtctagttta	1380
aggaattaaa	aatacacatg	catgaacctt	gaacatcaaa	tatcggttac	tactctgaaa	1440
accattaata	tattgatcac	ttaaattggt	aatttttttt	gtcagtecat	aaaattctac	1500
atgtttaaat	tttttgtgga	cctaccaacc	aggaacatgt	tgcttctcag	gtcctagtat	1560
atcctccaaa	gaatatacca	caagtttttc	catttgactt	tgagctgctg	ttgaagtggg	1620
gagtgtgtgt	ttttgagctt	attttgaacc	tagatccttg	tgaaaggtag	aaatagaggt	1680
aatagtttaag	ttatggcatt	tattagaagt	tttattattt	ggcttccttt	agaattattg	1740
tgaagtttaa	aaatagcctt	tctcctgcaa	attttcctag	tctttagtaa	ctgttagtgt	1800
tctatatagc	acaaacttga	atctctcagc	caaaaaaggg	aacatatata	ctgtttaagt	1860
atggcaagtt	ttcttttggt	ccaatttggt	tagataattt	taaaaatggt	ttttagttct	1920
agctactaaa	acctgtatga	actcaaattg	ataggcatct	tgtgagggtg	tgtttttccc	1980
agtgtgaatt	ggcttgaaga	gccatgggct	aatgggttac	tagaacaaca	actgcccttc	2040
atgtacgcca	aggatgagct	ctagatcatt	tgagaggcac	agtgtttccg	gagtcaggga	2100
ctggcagctg	agcgcaactg	ccccatctga	ccactgactc	aaatacgaac	tgcttgagac	2160
agacttcttt	tatgtagttc	tttgagctgt	ccattgagac	actataacca	gccttgtaac	2220
aatatgtttt	ctccttttgg	tgctaaaaaa	taaaaatatt	agaaagtagt	ctaaaaaaaa	2280
a						2281

<210> 3277  
 <211> 1206  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (16)...(879)  
 <223> similar to gi3005087 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3277

agtcaggagt	cttcagacag	tctagctgca	gagattgtta	cacctgaaat	cagggagaaa	60
cttattcgtc	ttcagcatga	gaataagatg	ttaaagctta	accaagaagg	ttcggacaat	120
gaaaaaatag	ccttattgca	gagccttcta	gatgatgcaa	atctacgcaa	gaatgaactg	180
gagacagaga	ataggtactt	gtgcccataa	atttccctct	tactacggct	tttgctgtat	240
cccatagatt	tcggctgggtg	aatcaaagac	ttctggaagt	acagtcacaa	gttgaagaat	300
tacaaaaatc	tttacaggat	caaggctcaa	aagcagaaga	ttcagtcctt	ctaaaaaaga	360
agcttgaaga	acatctagag	aagctgcatg	aggccaataa	tgaactacag	aagaagagag	420
ccattattga	agatctcgag	ccaagattta	acaacagctc	cttaaaaatt	gaagaattac	480
aagaagcttt	acgaaagaaa	gaggaagaaa	tgaagcaa	ggaagaacga	tacaaaaaat	540
acttagagaa	agccaaaagt	gtcatccgta	ctttagatcc	taaacagaat	caaggagcag	600
caccagaaat	acaagctctt	aaaaatcagc	tccaggaacg	agaccgactg	ttccactcat	660
tagagaaaga	atatgagaaa	acaaagagtc	agagagagat	ggaagagaaa	tatattgtta	720
gtgcttggtg	caatatggga	atgaccctgc	ataaaaaggc	agctgaagat	agactggcaa	780
gcacaggctc	agggcagtc	tttctggcga	ggcagaggca	agcgaccagc	agcagaagat	840
catacccagg	ccacgtgcag	ccggccacag	caaggtagag	aagttgtg	gctcaatcac	900
agacacctgc	acccacaaca	tacttctgtt	acacacaaga	acatttcagg	aaactcagcc	960
agcttatttt	ttgtttctct	tctatgtcaa	tacttagtgt	ttctcatttt	gaggactttt	1020
tctctctcct	gtatctttgt	tttagtttct	ttggttttta	ttttgtagtc	ctttcagtta	1080
tttttaaatgt	gccaaaaatt	tgtacatggt	caattaa	tggtgtataa	tagtgtaata	1140
cttttctttg	tatgaaaatg	tcctcttctt	caaaggtata	ggctttgtta	tgaattagat	1200
tttctg						1206

<210> 3278  
 <211> 1159  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1161)...(822)  
 <223> similar to gi3043572 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



<400> 3278

ggaagccagc	tgggccagac	caggaaggag	cctgaggcac	agcaccaagg	catggggtag	60
ggtgggcttt	gaggcacggc	ctccccatgc	ccagacccag	gccc aaacag	gaggctcctg	120
tgcaccagca	agtgcagcaa	agctggctgc	agtgacaagg	aagtcagagg	gagggtggt	180
ttgcctcaac	cctcgccctg	gatgtggcaa	aagataccac	accgaaggaa	gctgtagggg	240
atctgggact	tagtcaggct	agctaagggc	actgagtgat	tacagggcaa	ggccacagag	300
cggcaggaag	ttgtaagtgc	aggggccagg	cacagtctga	gtggagagcc	atgatggcac	360
tcatccctgg	ctggctcctg	ggcccaggcc	cttgctcaga	atacagtgcc	caggcccggc	420
tgggcattgc	cttaattcct	gtctgaggct	gccttccgtc	atcctcctca	agctgactgc	480
tatcagcagg	agaagggaat	gcagaaccac	acccacccca	actccagtgt	ctccagaact	540
gagcagggac	cctccccatg	acggagacag	acaacccaat	ggcagggcct	gggggagtgc	600
taacctcccg	agcccaagcc	tgacttccct	tccctctcca	gatactgagg	aaagtgggtt	660
ggaggtgggc	catgaggggtg	ggggacaggg	ggagggagag	ccatttccta	agaagagccc	720
aggttgtctc	agcccaggga	gactggtttc	aggagctggt	ccttcagaaa	ggacgatgga	780
aatggaagtc	acagcagggc	tggggaactg	gggactgggt	aggttggacc	catgggtgca	840
gcaccctcca	aactgggtgc	agagcctgca	gatgagtcct	gggaggagcg	gccctgcagg	900
aagcggatga	tcttctcaat	ggtggcctcc	tggtattcgt	gggaccacct	gtgggcacag	960
gagccaatgt	ggttcagaca	gctgggcaga	gggagctgct	agtcagctgt	tgcccacac	1020
tctgcctgtc	atggtgattt	gtaccctacc	cccctgggtc	cagggccctg	gggctcactt	1080
gataccgttg	aaagtaagca	cagcctgcat	gtcctcaggc	aggacctggg	gctcaggcca	1140
ctcgaagcca	tcaatgatg					1159

<210> 3279

<211> 622

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (15)...(251)

<223> similar to gil066818 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3279

caactgtctg	cctgcctggg	tgcctaaacc	agagctgtgg	ctccaactgc	tgccagccct	60
gctgccgccc	agcctgctgt	gagaccactt	gcttccagcc	cacctgtgtg	tacagctgct	120
gtcagccttt	ttgctgctga	tcaagtcccg	agagaaccac	catcctcaca	caacaacttt	180
ctgctcaact	gacttatctt	ttgggggact	aatttaattt	gctgctgaca	gccaccatgc	240
tctcacccaa	atttttatga	attctctaca	tgtttaaaat	cttgggaatc	tgcttgaggg	300
agggcagaat	acttcatact	gattctcttt	tcccttacac	tttgtggatc	atgtgccagc	360
ttcgtgtgtt	ctcaattttg	agtcatggtc	tcagctttga	ctcaaaagtc	aagagcttca	420
ttctctgctt	ctaaggaatt	taggtttctg	caactgatca	ataatctttg	caatcttttt	480
tttggttttc	aatatcctcc	tcacgtttcc	ttggtatcct	tctttcttct	tttcatgata	540
aatttgtgtt	gtgtccctgg	gtagcagaaa	atccttacct	ataatgtttc	tgaataaact	600
ctgaaccatc	ctcatctcaa	aa				622

<210> 3280  
 <211> 3258  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(2516)  
 <223> similar to gi5912060 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3280

ctttgaggtc	ttgtggtctg	attcttcaat	aacatcagta	accaaattctt	cctctgaagt	60
gacggaattt	atttcaaagc	tatgtcagct	ctatcctgaa	gagaacttgg	agaaactcat	120
tccttgctta	gctggtccgg	acgcatttta	tgtggagcga	aaccacgtgg	atctggactc	180
aggcctgagg	tacctggcct	cattaccttc	tcacgtgttg	aaaaatgacc	atgtcaggag	240
gtttctcagc	acttcctctc	ccccacagca	gcttcagagt	ccaagtccctg	gcaatccctc	300
cctttctaaa	gtaggtaccg	tgatgggcgt	gtctggaagg	cctgtgtgtg	gagtggctgg	360
tatcccgctc	tcgcagagcg	gagcccagca	ccacgggcag	cacccgcccg	gtcagccgc	420
ccccttgcc	cactgctccc	atgcgggcag	cgcggtctca	gccttgccct	accggaccca	480
gatggacaca	tcacctgcca	tcctcatgcc	ttccagtctg	cagacccctc	agaccagga	540
gcagaatggg	attctagact	ggcttaggaa	actgcgtttg	cacaagtatt	accccgctct	600
taagcagctc	tccatggaga	agtttttgag	ccttactgaa	gaagatctga	ataaatttga	660
gtctcttacc	atgggggcaa	agaagaagct	caagaccag	ctggagctgg	aaaaggagaa	720
gtcagagaga	cgggtgctga	acccctcggc	ccgcgcgtg	gtcaccagca	gtggtgtggc	780
tcgagtgc	cccaccagcc	acgtcgggcc	cgtgcagctg	gggcggggca	gccatgcagc	840
agagctgcgg	gtggaagtgg	agcagcccca	tcaccagctg	ccccgggaag	gcagttctct	900
ggagtactcc	agtcctctct	ccagcccat	gggggtacag	gcccggaag	agagctccga	960
cagcgtctgag	gagaatgaca	gacgtgtgga	gattcacttg	gagagctctg	acaaggagaa	1020
gccggtgatg	ctgctgaatc	acttcacttc	cagttccgcc	agaccacagg	cccaggttct	1080
ccctgtgcag	aatgaggcca	gtcccaatcc	atcaggccac	cacccctgc	ccccgcagat	1140
gctgagcgca	gcctcacaca	tcacacccat	ccgcagtctg	aattccgtgc	acaagccaga	1200
aagagggagc	gcggacatga	agctcctctc	gtcttctgtg	cactcacttt	tgtctctaga	1260
agaaaggaat	aaaggatctg	gaccaagaag	cagcatgaaa	gtggacaaga	gctttggcag	1320
cgccatgatg	gacgtgctgc	ccgcgtccgc	acccaccag	cctgtgcagg	tcctctctgg	1380
gctttcggag	agcagctcca	tgtcaccac	agtctccttt	ggccccgga	ccaaagtctg	1440
gcatgcatcc	acgctggaca	gggtgctgaa	gacagcacag	caaccggccc	tggtcgtgga	1500
gaccagcacg	gctgccacgg	ggacgcccag	cacagtcctc	cacgcccgc	gtccgcccct	1560
caaactgctg	ctgtcgtcat	ctgttctctg	tgattctgcc	atttctgggc	aaacttctctg	1620
tcctaataat	gtgcaaataa	gtgtgcccc	tgcaataata	aacccccgga	ctgctctgta	1680
cacagccaac	accaaagtgtg	ccttttctgc	aatgagcagt	atgccagtgg	gccccctgca	1740
gggtggcttc	tgtgcaaaca	gcaacactgc	ctctcccagc	agccaccct	ccagtcctt	1800
tgccaacatg	gccacagatg	cccagctgcc	cagccccag	ctccagccc	gcgtgtcct	1860
ccgtccctga	aagcagtttc	tatagcagca	gtggcggtgg	cggctccaca	ggaaacattc	1920
ctgcctcgaa	tcgaaccac	caccaccacc	accaccatca	gcagcccccg	gcacccccgc	1980
agcccgcccc	acccccgcca	ggctgcattg	tgtgcacgtc	ctgtggctgc	agcggcagct	2040
gcggctcgag	tggcctgact	gtcagctacg	ccaactactt	ccagcacccg	ttctccggtc	2100
cgtccgtgtt	caccttcccc	ttcttgccct	tcagtcccat	gtgcagcagc	ggctacgtca	2160
gcgcccagca	gtacggcggc	ggctccacct	tccccgtcgt	gcacgcccct	tcacagcagca	2220
gcgggacccc	agaccctgtc	ctgagtgggc	agtccacgtt	tgccgtgcca	cccatgcaga	2280
acttcatggc	agggacggca	gggtgttacc	agacccaagg	actggtgggc	agtagcaatg	2340
gttccagtc	caaaaagagc	gggaacctat	cttgttacia	ctgcggggcc	actggtcacc	2400

gcgcccagga	ctgcaaacag	ccgtccatgg	acttcaaccg	gccaggtact	tttaggttga	2460
aatacgcccc	tccagcagaa	agtctggact	ccacagattg	atatttttcc	tctggcaaac	2520
cagaacgtta	tttaagccat	ggagacataa	ggaaaattaa	atacaaaact	gagaaggtct	2580
agttgctggt	gagcttaatc	tttttaatcc	aaaggtgctt	tacttttctt	agactggata	2640
gaaaatctag	ccgtagaaaag	tgcatacaaac	tcgatttatt	gccaaaaccc	tagattggag	2700
cttgggtgtc	agaactcgcc	tagtgggcat	ctctgtggct	ggtgagatcg	gccacctcca	2760
cttttggttg	cagtgcagag	acgccatgtc	tcccgaagag	cattgccatc	actggccctc	2820
ctaggctcac	acgtcaattc	cagggcagct	acacgtggtc	tgaatcgaga	accgagcttg	2880
gagttctcca	agtggagttc	cacccgccgg	actcctgaca	cccctgggct	agggaaaatg	2940
tcgactttgt	tttgttctgt	tcctaaagtg	attagcacta	atctctggga	tttttaagga	3000
ttgcactaca	gaagaatgta	ccctgatgta	aatctctcgg	gttctgggag	ccaaactcct	3060
ctgagaacag	tcagtgcgaag	agactccaat	aatccattat	gaaagagtca	gcaccagcag	3120
aggctactcg	acttaggacg	caacagaggt	tttagtattt	ccttccctcc	tccaagcact	3180
tgtagcagtt	tcaggttttt	aatttttttc	tgcaataaaa	tctaaactac	gttattaaat	3240
agaaatagtt	tactcgca					3258

<210> 3281

<211> 1300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1296)...(222)

<223> similar to gi4519623 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3281

tttttttttt	ttgccatttt	caaaaaagat	atagtagctt	cagttgtaca	ccaccagttg	60
aaggggtttt	catccaaatg	agaaactcta	ccccttgtct	ctctagtgga	acaggcacca	120
gattcccaca	agcagcagct	cccattgtct	gtagcacgtg	gcatccgacc	ctggagtga	180
gagtaagctg	gcacagagcc	ccgacgctgg	gattcagact	agatggcggt	tcgtggcggtg	240
ccattgtgtg	tcagcgcttt	cagactggag	gcactagtct	ggtgaccaca	gctcctgtga	300
gaagtcacac	ccacctcaaa	aacctcatga	atagcttttc	ggaaacagtg	gaagttgtag	360
tctattaaac	cttttctttc	aaagctttct	tcccttagaa	tgcagaccag	tgccaaaaat	420
ttagtcacct	cctttaaata	aaggacagtt	gtattattca	gcttgataat	tgccatagat	480
tctttgtcat	aagcacttcc	acttccatct	tcctttaacc	catatataca	agacacatca	540
attacaacat	cgatcatgtc	acagcaaagt	tcataagatt	gcatatccac	aggggaactg	600
tctgttgcaa	tgtagatttt	gctgacaaca	tcaaagagaa	aagctttttc	aatacctgaa	660
tttgatataa	agatatttaa	taggtttttc	aaggtcggca	gttgtggaat	gagtttctgc	720
accaccttac	taaaggcttc	aaatattgaa	tggtcataga	tactagtcag	ataaaagcta	780
agatggagtt	tttctagccc	agcatctgca	aggtcatcat	tgcccttttg	atgaatgtcc	840
ctctgtgttt	ctattttgtg	atcatcagac	agaccatcaa	ctttgtgaat	aaaaacctca	900
aaattcatgt	ctgggttaac	tttgtaggct	ttagaaacag	taatgtgaag	tcttgttaaa	960
gcctccatgt	agtcactctg	tgcgtcaatg	acgtatatca	atgctcctgt	tcccctgaag	1020
atcatctcat	agtcaaaggt	tgggtcaaaa	aagtccattt	gccaggaaa	atcccatatc	1080
tggaaattca	caaaggagct	attggaaatg	tcacctttat	aaatcttgtt	ggtactttcc	1140
aaaaagaggg	tctcgttggg	tgacatctta	tgaacacca	ccttctggat	ggaggacttg	1200
ccgctgcgcc	ggagtcccat	gagcagaatc	ctcggcttgg	agctgtcagc	gccccccgga	1260
ccacagcctc	cgctgccccg	gacgcgtggg	tcgaccggg			1300

<210> 3282  
 <211> 3167  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3168)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (3167)...(2950)  
 <223> similar to gi299471 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3282

ggaattcgcg	agcgcagggc	gcattgactgg	caggcagctc	cacctgcagc	cctgggtgccg	60
gatccactag	gtgaagccag	ctgggctcct	gagtcctggg	gggacgtgga	gagtccttat	120
atctagctca	gggattataa	acacaccaat	cagcacctcg	tgtctagctc	aaggtttgtg	180
agtgcaccaa	tgcacactgt	atctagctgc	tctgggtggg	ccttgaggaa	cctttatgcc	240
tagctcaggg	attgtaaata	caccaatcag	cacctgtgtg	ttagctcaag	gtttgtgaat	300
gcaccaatcg	acactctgta	tctagctgcc	ctgatgggga	cgtggagaa	ccttgatatct	360
agctcaggga	ttggaaacgc	accaatcagc	gccctgacga	aacaggccac	tcggctctac	420
caatcagcag	gatgtagggt	gggccagata	agagaataaa	agcgggctgc	ccgagccagc	480
attggcaacc	cgctcgggtc	cccttcacac	ctgtggaagc	tttgttcttt	cgctctttgc	540
aataaatctt	gctactgttc	actctttggg	tcacactgct	ttttatgagc	tataacactc	600
accgcaaagg	tctgcagctt	caactcctga	gccagcgaga	ccacaagccc	actgggagga	660
acgaacaact	ccaggcgctc	aatgaacaac	tcaggcgctc	ccgccttaag	agctgtaaca	720
ctcaccgcga	aggtctgcag	tttcaactct	aagccagcga	gaccacgaac	ccaccagaag	780
gaagaaactc	caaacacatc	tgaacattag	aaggaaacaa	ctccagatgc	gccaccttaa	840
gagctgtaac	actcaccgcg	agggtccacg	gcttcattct	tgaagtcagt	gagagaccaa	900
gaaccaccca	attccggaca	cattttggcg	accatgaagg	gactttcgcc	tattgccaag	960
cggtgagaca	atcgctgagc	agtgcagaca	tcacctattg	ccgagcggtg	agaccattgc	1020
ctatcgccaa	gcaaactcag	gccatcaagc	tacagatggg	cttacaacat	gaaccccaaa	1080
tgagttcaac	taacaacttc	taccgaggac	ccctggactg	accagctggt	cctggcactt	1140
cccctggcct	agagagttcc	cctctgaagg	acactacaac	tgcaaagccc	cttcttcgcc	1200
cctatccagc	aggaagtagc	tagagcagtc	atcggccaaa	ttcccaacag	cagttggggg	1260
gtcctgttga	ttgaggggtg	acagcatgct	ggcagtcctc	acagccctca	ctcgctcgct	1320
cactctcggc	acctcctctg	cctgggctcc	cactttggca	gcacttgagg	agcccttcag	1380
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aaaccatgaa	cccaccagaa	ggaagaaacg	ctgaacacac	ctgaacatca	gaagaaacaa	1920

actccagacg	cgccacetta	agagctggaa	cacttacgcg	aaggggccgt	ggcttcattc	1980
ttgaagtcag	tgagaccaag	aaccccccaa	ttccggatac	aatatcgaca	aaacatgcat	2040
ctttgatgtc	tgatagttac	agagagaaga	aattagttcc	tgtgggtttac	ccccattcta	2100
gcactccctc	cttcagtaa	ttcctggaag	gagggagtg	accaatcgac	actctgtatc	2160
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agctctacca	atcagcagga	tgtgggtggg	gccagataag	agaataaaaag	caggctgccc	2520
caaccagcat	tggcaacccc	gctcgggtcc	ccttgccacac	tgtggaagct	ttgttctttc	2580
gctctttgca	ataaatcttg	caactgctca	ctctttgggt	ccacgctgct	tttatgagct	2640
gtaacactca	ccgcgaagat	ctgcagcttc	actcctgagc	ccagcgagac	catgagccca	2700
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gtctgcagct	tactcctga	gccagcgaga	tcacgaaccc	accagaagga	agaaactccg	2820
aacacatccg	aacatcagaa	ggaacaaaact	ccggaggcgc	caccttaaaa	gctgtagcac	2880
tactgcgag	gggtccgcggc	ttcattcttg	aagtcagtga	gaccaagaac	ccaccaattc	2940
cggacacaaa	accctgtctc	tactaaaaaa	tacaaaaaaa	ttagcgcggt	gggggtggccg	3000
gcgcctgtag	tccggctact	cangaggctg	aggcaggaga	atggcgggaa	cccgaggaggc	3060
ggagcttgca	gtgagccaag	atggcaccac	tgcactccag	cctgggtggac	agagtgcacat	3120
tctgtctcan	aaaaaaaaag	aaaaaaaccc	attgggttaa	aaacaaa		3167

<210> 3283

<211> 875

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(876)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (50)...(317)

<223> similar to gi4262296 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3283

ggcaccactg	cactcctacc	tgatgacag	agtgagaccc	tgtctccaaa	agaaaataaa	60
agtaaagatt	caccaagagg	ctacctggct	acataatcgt	aatgactcta	ctgctcaaac	120
catctggggc	tccatcagtg	gatacctaca	aagtatgaca	tggtttttac	ctttcttcgg	180
accctaagtg	gtcattttaat	tgctattact	tttggcgat	tgtgttttta	accttttggt	240
gaaagtttgt	gtcttttcagg	tttcaatagc	tccaagtcaa	gctaattgatg	gcccagaagt	300
tccaacccat	aacatcccag	ggagcacccc	agtccctaca	gggtcttttag	ggacagccag	360
tgaggagatt	tccccacccc	ccctaaaagt	tagggcaggg	gacggacatc	ccctgtttca	420
ggcagggaag	ttcggtttca	ggaaggttga	ggtctttcag	cccttttctc	cttaagaaat	480
agagggtgaa	atctcctcag	ggggaaatag	agataggaac	aggaaatggg	atgggggttg	540
cttctttcat	gattacttta	accaatgcct	tcttacttta	aagttctagg	aactggcctt	600
aggaaatcta	actatgaaac	caagggttatg	gagtatccca	cctcaggaag	gaacactgaa	660

caactgattg	acagtcttct	tgccgccagc	cagaccacca	agtggcccat	taaccaagag	720
aaccagcgca	accagatacg	ctgaccgcga	tctcctacct	ctcatgtgct	ttgcccagcc	780
cagcctgcat	accttactca	tgatgtcaat	tcccaagttt	cgctaataaa	aacatctctg	840
caagcctctt	cagggagccc	nccnnaaaaa	aaaaa			875

<210> 3284

<211> 2202

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (26)...(1707)

<223> similar to gi5441764 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3284

tcaaaatgaa	aattcagtg	acaagtggg	aaaaccttta	gtgattgata	aactcaagga	60
aatggccaaa	gtcgagggtc	tctggaactt	gtttttgcc	gctgtcagcg	gactcagcca	120
cgtggactat	gccttgattg	ctgaagaaac	aggaaaatgc	ttttttgctc	cagatgtctt	180
taactgccaa	gcaccagaca	caggaatat	ggaggttctg	cacctgtatg	gaagtgagga	240
acagaagaaa	cagtggcttg	agcctcttct	tcaagggaa	attacctctt	gcttctgtat	300
gacagaacct	gatgtagctt	caagtgatgc	cacgaatatt	gaatgcagca	tccaacgaga	360
tgaagatagc	tatgtaatta	acggcaaaaa	atggtggagc	agtggagctg	ggaatcccaa	420
gtgcaaaatt	gcaattgttt	tgggaagaac	tcaaaatact	tctctctcca	ggtaattaaa	480
caattctgat	tgagaaacct	gtgtaggaat	gagccagtct	tcctcctatc	taggtaattt	540
acttaaaatt	cactgttttg	actcaciaat	cataatgtaa	gatatgagag	taaatgtcat	600
atatttgtat	ttcacaagta	ttttctaaca	ggtgtttttg	gaaaacatta	tagggagtat	660
tgctgaacat	tcttcgctgt	ggaattttca	gtattagaaa	gtgttgctaa	attatcaaag	720
ctgtttggat	taaattatca	gacaaatfff	ttcagacctg	tgtaatgaag	tgattagatg	780
tttagatcaa	aggcaataat	cttgaaatgt	ttaattatat	atataagttc	ccagttacca	840
ttgttgagca	gtgagaagct	tcaatcaaac	aactcattta	ttttcaaate	attgtttctg	900
ttccagatca	cagcctgcat	cagactatgt	tggtgtacgt	cttttacaca	gttcccattc	960
cagtcatcac	tgcttacatg	actacatgaa	aacatcaaaa	agacaattgg	gattctgctt	1020
attatctggt	ttatttttct	tcttagcaaa	ctttttctaa	tacaattttt	cttttgacta	1080
gacacaaaca	gcacagcatg	attcctgttc	ccatgaacac	acctggagta	aaaataataa	1140
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tttcccaagg	ccgccttgga	cctggcagaa	tccaccactg	tatgagaaca	gtaggtttgg	1320
cggaacgcgc	tttgagatc	atgtgtgagc	gggcaacaca	aaggatagct	ttcaagaaga	1380
agttgtatgc	acatgaggtt	gtggctcact	ggattgctga	aagccgcatt	gccattgaga	1440
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ctaagaaaaga	gattgcaatg	atcaaagtgg	ctgccccacg	ggctgtcagc	aaaatcgttg	1560
actgggccaat	ccaggtgtgc	ggaggtgctg	gtgtttccca	ggattaccct	ctggctaaca	1620
tgatgtctat	aacccgagtt	ttgcgtttag	cagatggacc	tgacgaagtt	catctttcag	1680
caatcgcaac	aatggagctg	cgggaccaag	ccaaaagact	gacagccaag	atataaggag	1740
ggtggcactg	ccacatccca	ctggcagaaa	ctctccttta	tacaaacttc	attggctcca	1800
acatttgaat	ctcatatfff	tgtagcagtt	tgagcacagg	gttaattatt	catttgtggg	1860
aaagattata	gcattctatf	tgatcagtg	gttttattat	ttcaagggtc	acacagggtt	1920
aagttcagta	agaaatgctg	tagctgttgt	cattcaatct	agtgcctcct	tgaggccagg	1980

agttcaggac	cagcctgggc	aacatagcga	gacccccatt	gctacaaaaa	atttaaaaat	2040
gaaacaagtg	tgggtggcaca	tgcttgtagt	cctagctact	tgggaggctg	aggcaggagg	2100
attgcttgag	tctaggagtt	tgaggttaca	gtaagctgtg	atcgtgacat	ggcctccagc	2160
ctgggtgacc	gagtgagact	gtttctaaaa	ataaaaaaaaa	aa		2202

<210> 3285

<211> 2725

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2525)...(1487)

<223> similar to gi4127947 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3285	
agccaccagg	60
atcattcatt	120
catttccact	180
ttataatcgg	240
aaacattttg	300
atztatttta	360
tgcaggtatt	420
ctgacacgcc	480
acaaccagac	540
tcactaccaa	600
ttgaagtggg	660
tgaaatgcta	720
gtttcacttg	780
acatacacac	840
ggcatcaaag	900
ataatcggca	960
aaagcattcc	1020
gtttcaatgt	1080
tgttaaaatt	1140
atgtgcaaaa	1200
atgatgaatc	1260
accaggctta	1320
atttaacagt	1380
aacaatgaaa	1440
caaaaactgta	1500
tctacaccaa	1560
tgccgggctg	1620
agccacatct	1680
ccctcctctg	1740
gctccggcag	1800
ctcgaataca	1860
actaggctgg	1920
tactgaaagc	1980

ggactagctc	ttggactggg	attggctgcc	ggtaaacctg	gtaagagtgc	cgttcgttcc	2040
gtgtgacggg	ccgagtcaga	accaagatgt	cttgaaacag	gaaaatgtaa	agtttatgtc	2100
cactcttgct	ccgcagctcc	ccatggcaca	gcagcacttt	gctcgcttcg	attctggggt	2160
ccctctgctt	ttcatccagg	tactccagct	tgtcgatgta	atactggcac	tcggattcac	2220
ctttcttcaa	gttgatatca	gagaggactc	cctgtattat	caatatagca	tcctccagaa	2280
gctgaacatc	agggtgctct	tttggagtgt	gtttaagaat	ttcttttaac	agtaaagggt	2340
atttgactag	gcgacttcga	gggatatcta	ggaaactcca	aagatctagt	tttcgactga	2400
agggagactc	gagacatcgc	tggaggaagt	cttggactct	tggatcctgt	ttcttttgat	2460
caagaagagc	tttggctgcc	agctggttac	tacagtaacc	tctgtaggca	ttcaagcgcg	2520
gtaactgaag	agtaataaaa	gaaaagggtat	gatgtgttcc	tgttatgacc	gagtgcatta	2580
acaagcctgc	aaacatgaaa	cacaaaatgt	acagctattc	ttgagagttt	taacaagctg	2640
tggacatttt	ctggcagata	ataatggaag	ctgaatagca	ttttagcaat	catcaaaatg	2700
ctcttcaaat	tttcataatt	tggt				2725

<210> 3286

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (19)...(347)

<223> similar to gil619929 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3286

aaagatgaat	acataagtaa	atcacattcc	tatatattag	caatgaacaa	gtagaatttg	60
aaatgaaaac	acaacacact	tacatcaaca	cccccaaaaa	tgaaatactc	aggtataagt	120
ctaacaaaac	atgtacaaga	tctatgtgag	gaaaactgca	aaactctgaa	agaaataaaa	180
gaggaactat	aaatgcatga	agagatattt	catgttcaca	gataggaacc	ctccatgttg	240
tcaagatacc	agttcttccc	aacttgatct	ataggtccaa	agcagtgcc	atcaaaatcc	300
cagcaataa	ctctggatat	tgacaaactg	actctaaagt	ttatagatag	aggcaaagac	360
cccgaatagc	caatacaata	ttgag				385

<210> 3287

<211> 2744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2745)...(499)

<223> similar to gi2565046 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



<400> 3287

tttttttttt	ttaagttcaa	aagtacattt	attttaaagt	tgggcaagat	atcaatataa	60
aagaaaacag	agtataagaa	ataaaaataa	tcaaagtaca	aaacatttca	aatctttaac	120
atccataatt	tagagatagc	aaggtcttta	tttacaccat	tttatttcta	gtttgaagtc	180
cogtaacagt	tttgtgaaaa	catttaaaaa	cctgggcaaa	tgaatcataa	aacctaatgt	240
ggggctctta	aagtcatata	atacaaaaaca	taatttatgt	ttccctcagg	attaaaattg	300
caccatcttt	aaaaggggtgc	cggtatatatt	attatatcct	gtccttcccc	gcttcacagt	360
ctggatcccc	caggaaaggc	agctgggaaa	accagagcct	gtgaaggga	gcgcagcagc	420
ttcctcgcca	gaccagaaca	gccagccccg	caccgcagga	agtccgacat	gcacggcagc	480
ctagacgccc	atagttaaac	cttatatgat	tcatagtcca	gcgtttgagt	gagcacttca	540
gtcagaacga	aactctgcat	tgtgaacatc	tatgccctct	ggcaaaatat	tcttcggata	600
aaatgaaggt	cattttccac	aggataatta	aaattatttc	ccgaacaaac	tcgaagttcc	660
tgcttggtgt	cccatgagct	tccggaaaga	tggtgcctt	ggataacacc	tttctcctg	720
cacactctac	gattgccttc	atagtggaaa	gacttgggca	gattcccagg	tgtgatgtaa	780
aaatattttg	ccttaaagag	tggagaaacg	tgtgcccgtt	ttaaggattc	ttccaagctg	840
aaagagaaaa	gtacttctgc	ctcagcatct	cgagagaatgt	agttctgctc	atcaatgaac	900
ttctgacacc	tgaagcattc	ttccagccac	tctggcgctc	ctatgtgctt	cacgacagaa	960
atcgcccgc	aggaacttca	cggtgcgagt	cactttgctg	gcaataaggt	gtgtgcactt	1020
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cctggacagg	ctcgaatcca	gtgaaaagca	caaaaagggg	tcaattcttg	gagttagctt	1140
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gctacttcat	tctgtttcag	tttgggaggt	agtcttatac	tcatcaacaa	ctctgcagac	1260
acttttaagg	gaactctcca	agcatctaaa	agatttaaaa	ctaaatgctg	ggtaggggca	1320
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tcactatcaa	caaateccagt	cacagaaata	atatgctgtg	aacatggcct	tcctctgggt	1620
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actgtgttta	accagtgtgc	agtaacacat	ctctttcttt	ctcttattgc	ctgtgcatac	1740
gcgctgctga	cttgactctc	acagagaagg	tgctgtcatc	gactcgtgaa	ggtaggggtca	1800
acagtgcgc	catgtgcctg	gattatcctt	ttccagggtg	ccagcagttg	cttatcagac	1860
atctgctctg	gataatccgc	aattgcaaac	acacatccca	ataagaagcc	ttcttctgga	1920
atctccactg	ctggatcatg	tccaaaaagc	tgatgctgct	gaggcgatgg	tggtggctgc	1980
tggtgctgct	gctgctgctg	tgaaaatgga	tgccggcggt	gctgggggta	aggttgctga	2040
gagatctgct	gctgctgctg	ctgctggagc	tgcattatct	gctggggctg	aagggtgtaa	2100
accgggtgct	gctgctgctg	ctgctgggcc	tgctgctgct	gctgtagcat	gtgtgtctct	2160
ggagtcactt	tcacttggtg	aaacagcact	gcattggcat	ttgtatgtcc	ctgctggctg	2220
tgattcacct	gctgttctaa	atttttcgta	gggtgctgaa	gagtctgtaa	gatatgtgct	2280
acatttgatg	gccggttcat	ctgctgaatg	tcagcattat	tagtaatatt	cctcagtgtc	2340
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acattggcac	acaagttaat	caaccaggc	tcctttccct	gaggcagcct	gcgttttgc	2520
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gatgaatctg	aagaatcatc	aaacattaat	tcccccttag	atttttcagt	gttggaattta	2640
ggagaaaact	gctggtcacc	tgaaggagac	ccttcttgag	agctggcagg	gcttgacttc	2700
tcactctgtac	tacctcatt	ctgagaatct	tgttcctcat	tttc		2744

<210> 3288

<211> 1624

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1625)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (63)...(1286)

<223> similar to gi3766257 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3288

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ttgctgtaat	ttatgggcca	tatctacgga	aactgaccaa	agtcactcag	gattccctgg	180
cacaagccac	tcagctagct	gaggaacgta	ttggaaatgt	aagaactggt	cgagcttttg	240
ggaaagaaat	gactgaaatc	gagaaatatg	ccagcaaagt	ggaccatgta	atgcagttag	300
caaggaaaaga	ggcattcgcc	cgggctgggt	tctttggagc	aactgggctc	tccggaaacc	360
tgatcgtgct	ttctgtcctg	tacaaaggag	ggctgctgat	gggcagtgcc	cacatgaccg	420
tgggtgaact	ctcttccttc	ctaattgtatg	ctttctgggt	tggaaataagc	attggagggtc	480
tgagctcttt	ctactcggag	ctgatgaaag	gactgggtgc	agggggggcgc	ctctgggagc	540
tcctggagag	agagcccaag	ctgcctttta	acgagggggt	catcttaaata	gagaaaagct	600
tccaggggtgc	tttgaggttt	aagaacgtgc	attttgccta	tccagctcgc	ccagagggtgc	660
ccatattttca	ggatttcagc	ctttccattc	cgtcaggatc	tgtcacggca	ctggttggcc	720
caagtgggttc	tggcaaatca	acagtgcctt	cactcctgct	gagggttgtag	gaccttgctt	780
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caaggaaaaa	ttacctgaat	agggaaaacc	atgaagagcc	tgccctttcaa	aacccaaatg	1320
ggatatacca	gaaaacctaa	tgaacaaaca	aagttttatt	tcagcataag	gaagcaatta	1380
ctggtaaaca	atatgagact	ttaatgcaaa	acagtgttgc	agaaaaaaaa	ctcagagact	1440
atgaaataca	taaaccgata	tatcaagtta	tttgaaaaat	acctatTTTT	ttccaaagtg	1500
tgtaaaagat	tgttttgaaa	cgtacctgtt	ctcaagatct	ttttattcag	agttttaata	1560
attgtaactt	tttaaagtgc	tatagcactg	aagttatTTT	cagggttttgt	attntctttt	1620
cttg						1624

<210> 3289

<211> 4747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4748)...(573)

<223> similar to gi3288457 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3289

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taaaatatat	taaaatgatt	taataaaggt	cttttattat	tttacacatc	aaatttcatg	180
caatcagtag	tccactgaag	gagaaaagga	ttatgaaaaa	acaatgaaag	cacagggtag	240
gaaaataaac	aacacaaaag	actaattctg	gatttttttt	ctgtgtcctt	aataccctgt	300
gctgtctttg	acaacaaaga	tgcocttact	atgtgattca	gaggcccggg	agtgaaaaaa	360
atacaagtag	ttaatgaata	atgcatatgt	tcatagcaat	ggtcaaatta	tactgtttcc	420
taatggatac	catttttctt	tatcgagtgg	gacactacag	agtcggatgt	taattgctcc	480
cacaaatata	gttttactct	tcacaataag	cattaagaca	tgctccttga	gctctgtgac	540
ttcatcatat	actacaatth	cattgtaagt	ggggctcgta	catttttgaa	cagattttgt	600
tttcctccta	cgaacttcac	tgggatatgg	taaaagataa	aattcaacat	gtgactggg	660
cgcagagcca	tctgggagat	gaatgttttt	catgtgtttc	actagtatgg	tcagcttcac	720
atcctcgtag	gatatgacta	actgcacctt	aggcttcttg	tctggaaact	tctcacctag	780
gtacacaggt	gatgattctt	caactgtttg	ttgccagacc	tcagagagga	aaaagctaag	840
tacacaatca	ctgtttgtaa	cttcatgtga	tacatttaat	atctgttcca	tgtaatgatt	900
tagatctctg	aatcttctgt	gatctgaatt	tgtaaaaggt	aggtgccacc	aatgaggaaa	960
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cagattactg	gatttcttgc	tgaaccctaa	aattgttgct	ctttcaatcg	acctagtgtg	1140
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cttgggtgtc	atactgcttt	tcgtgtgatt	cattaggatt	tggatccgtt	tgccaagaat	4740
atgccat						4747

<210> 3290

<211> 2817

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2818)...(1352)

<223> similar to gi4309889 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3290

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ctctgacagt	gccaggtcat	cttccagcaa	gttagaactc	tcgcctgatg	ttaacaaaat	180
aaggaaatca	gagcccaaga	tcaagaagtc	tgtaagtcac	gaaagagtct	ccaaaatgaa	240
tttttaattg	actggaaaag	ggatcacctt	tttctcatct	gagagcaaga	aatatgagag	300
accaaggat	gatcgagagg	aagagttcaa	cacgtgggtc	aataatatgt	acgtcttctt	360

tgtgaacacg	ctctttcatg	cgtataaacg	tgaagaagct	atcaaggaga	aaataagggc	420
agacaggtta	cgtagcacag	cacaggccca	gcagcggaag	atggaagatg	acgaactgga	480
agcaaggctg	gacatcttta	tcttgagaga	ggaagaggcc	aagagacatg	actatgaggt	540
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tccaaggag	gatgtgaccg	tgtccccatc	cagcaagacc	atcaccagca	agaagaagaa	660
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ctgagcatta	cagttcttag	caactgaactc	gtcacagtgt	tttaacatac	cccttgcccc	780
actgcatctc	aggtttccta	catggctgga	ttacgggagt	tcgagaccag	cctgggcaac	840
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atgtggttct	agcttcttgg	gaggctgagg	tgggaggatt	gcttgagctc	aggaggttga	960
ggctgcagtg	agccattgca	ttccagcctg	ggtcacggag	ctggtggcca	gtgtaatcta	1020
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ttattagtct	tattttccag	taaaatatcc	acagagatgt	caaaagaatg	agatggtgag	1140
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atgagcagac	cgagtcgaaa	tgtgattctt	caaagcaagt	attgctttac	ccttgtcctg	1260
aatgcagtct	gtcatatgac	caactaatttg	catgtgacca	aatggttgca	gagtggtttt	1320
tagatatgct	ctcggtgagc	cgtcatccgt	caatccaaga	agaagatgtt	gttgaactgc	1380
gttgcacaaa	gtttcttgac	ctcttcattt	acttcaatca	ggtttgcat	tttttgattc	1440
aaaataacat	agagctcccc	ccgatcagac	ttctttccaa	caaccagta	atcactcatg	1500
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tccttcgcgc	ggcccgaagc	gcgggttgta	gatgaagaaa	ctcagcagcg	ccggcgggaa	2760
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<210> 3291

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(274)

<223> similar to gi558846 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3291
aagttaaaat gatattagga aaaagctcag attagatata aaattgatca tgtctgccag      60
aaaatattct cctaaaagca atttctctct aaacacccaa agcgcacagc tactctcagc     120
aagagaaaca tgagcattat gaagaaaggt ggcagatttt cagaagaatt ttataaaagt     180
ttctttccca tctctgctgt tctgtcatct cctagccatt gaatggaggt tctatatga      240
aatacatctg acaacttcca acaacacttt ttgatgaaga aatagaatct gactatgttc     300
atatagtggg atatattaga acttgcaaca tagccaaact gaagagctat tatgggtttt     360
gggtggccac atcacatgtc tttatttgtc ctgtaatagc agcattccaa tttagtgaag     420
taaaagatac taaaattgtg tttact                                           446

```

```

<210> 3292
<211> 1101
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(640)
<223> similar to gi5832782 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3292
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gtggatgtca gagttcatga ttacaaagaa ggaaccccag aagagaagac ctactacata     180
gaattatggg atgttgaggg ctctgtgggc agtgccagca gcgtgaaaag cacaagagca     240
gtattctaca actccgtaaa tggattattt ttcgtacacg acttaacaaa taagaagtcc     300
tcccaaaaact tgcgtcgttg gtcattggaa gctctcaaca gggatttggg gccaaactgga     360
gtcttggtga caaatgggga ttatgatcaa gaacagtttg ctgataacca aataccactg     420
ttggtaatag ggactaaact ggaccagatt catgaaacaa agcgccatga agttttaact     480
aggactgctt tcctggctga ggatttcaat ccagaagaaa ttaatttgga ctgcacaaat     540
ccacggtact tagctgcagg ttcttccaat gctgtcaagc tcagtagggt ttttgataag     600
gtcatagaga agagatactt tttaagagaa ggtaatcaga ttccaggctt tcctgatcgg     660
aaaagatttg gggcaggaac attaaagagc cttcattatg actgaattac actcatcctt     720
tggaagagtg agcaagcagt ggcagttttt cacagctcat cttgctgtgt tcaattatta     780
ccatcacagc cttttaacaa aatcatctta aaatgctacc cttcagcctt accctttaat     840
ggaaaaatga aaggaagtga caatacggga ggtccaaact ttgtccctgt tctctgtgtt     900
ccttaccttt ctgtccctgt gtatagatta tgtaaaagcc ttgtgtaa atgagatggt     960
gtcaaaatga tgcagtaa atgcaatgac agtgactg agagaaaatt tactcttgcc     1020
tagaactgga gggtttttat gggctctgtaa ttttccaca ctcattgctg aaagcttaat     1080
taagtacttc aaaaacgtaa a                                           1101

```

<210> 3293

<211> 364  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(239)  
 <223> similar to gi804809 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3293  
 aggaactaga taggctgaac agaccaataa caagtaatga gattgaaatca gtcataaaaa 60  
 gtcttccaaa aaagaaaagt ccacgaccaa agggcttcac tgctgaattc tactgaaact 120  
 ttaaaaatgt aataccaact tttttcaaac tattcccaa aaaaacgaaa cagaaggaat 180  
 tcttccaact cgttttaca gggctttatc ttgaaggcaa aatggcacca ctcaaagtgc 240  
 cataactcaa tatgccgcat tttggatttt ccctgggctg tcacctccta tcttggtctc 300  
 aaaactgtgt atagtgaagca catctccgcg ggtctcccca ccctgtgggt aacacttgac 360  
 gata 364

<210> 3294  
 <211> 1695  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (389)...(1361)  
 <223> similar to gi3874826 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3294  
 tggaattcct gggctcgacga tttcgtgaaa gagtcattaa cagttaggag ttgatggcag 60  
 tttcaataac aggtcattgc cgagaaaagg atagcactat aatatgcaga aatctacaaa 120  
 ttctgatact tccgtggaaa cactgaattc taccgcgcaa ggcacaggag ctgtgcaaact 180  
 gagaatcaaaa aatgccaaca gccaccatga caggctcagc caaagtaaact ccatgatcct 240  
 caccgatgtc gggaagggtca ctgaacctat atccagacac agaaggaatc attcacagca 300  
 tatcttgaaa gatgtcattc ctccattgga acaactgatg gttgaaaaag aaggttatct 360  
 gcaaaaagct aaaattgcag atggaggaaa gaaactaagg aaaaactggt ctacttcctg 420  
 gattgttctt tctagtcgaa gaattgaatt ttacaaaagaa tccaagcaac aggtctgtgc 480  
 caatatgaaa actgggcaca aaccagaaaag tgtggatttg tgtggagcac acattgaatg 540  
 ggccaaggaa aaatcgagca gaaagaatgt ctttcagatc acaacagtat caggaaatga 600  
 gttccttcta cagtcagata ttgacttcat catattggat tggttccacg ctatcaaaaa 660  
 tgcaattgac agattgccaa agggttccaa gttgtccatt caaggaaacc tgggatttat 720  
 ttcaaattcc aaaggttcct cttagcactga attgctaagt cactaccgac agtgaataaa 780  
 aagaaccaga aaccatgagc accagaaaat ctttaatggt cagactgcat cacagtgcct 840  
 ccgatacaag cgacaaaaat cgagttaaaa gcagattaaa gaagtttatt acccgaagac 900  
 cttccctgaa aactctgcaa gaaaaaggac ttattaaaga tcaaattttt ggctctcatc 960

tgcacaaagt	gtgtgaacgt	gaaaattcca	cagttccgtg	gtttgtaaag	caatgcattg	1020
aagctgttga	gaaaagaggt	ctagatgttg	atggaatata	tcgagttagt	ggcaatctgg	1080
caacaatata	gaagttaaga	tttattgtca	accaagaaga	gaagctgaat	ttggacgaca	1140
gccagtggga	ggacatccac	gttgtcaccg	gagcactgaa	gatgttttcc	gggagctgcc	1200
tgagccgctc	ttcccttaca	gtttctttga	gcagtttgtg	gaagcgatca	aaaagcaaga	1260
caacaacaca	agaattgaag	ctgtaaaatc	tcttgtaaaa	aaactccctc	cgccaaatcg	1320
tgacaccatg	aaagtcctct	ttggacatct	aactaagtaa	gttgtaagga	tttctggatg	1380
tgtcatttta	tagtcatttc	ctaaatgggc	aattattgaat	ttcacatctc	taaggcaaga	1440
gtttccaaat	gcgtacatct	cgtattttcc	cttgtagctg	aactagggtct	ttctgcagaa	1500
gctggagaat	gtgttaggga	taggaaggac	aattctacaaa	aggaacttct	gaaataactt	1560
atTTTTcaag	gccctttcaa	ctagtatatg	tttgctgatt	gcttgtcaga	accatcgctt	1620
ggaccctggg	atgggtcctc	ttgactttgt	tatctaacat	aatgaaagaa	catgaaatga	1680
ttcagacatg	gattc					1695

<210> 3295  
 <211> 2125  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2126)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2126)...(133)  
 <223> similar to gi2832906 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	3295					
tttttttttt	ttggtgggtg	tctctaatat	ttatttgtct	ggttataaaa	ttaatattgtg	60
aggagcattg	gatttgggtga	gaacgttttg	aaccctagct	gtcatgtgcc	acctgcggga	120
tctagaccag	tgactttctca	gaactgccat	ttcctcatct	ggtagacagg	atggtaagcc	180
ctgtcttgct	cactccacgt	atggcagtg	agatgaaatg	agatcacaga	ggggaagcaa	240
ttggcaggct	ggaaagtgtc	gacaaatgga	aggggttggtg	tcaccaccct	cagctgaggt	300
agtaaccaagg	tccaagctcc	tgccccctcc	cctccccagc	ccctaaatac	acacacgaat	360
ggaggggccac	ttgcagcctt	ggtctgatgg	aattgggggc	aaggccacac	atcttctca	420
agcttggcca	gatggggcct	cactggggcc	cttcagaaat	cgggcacg	ctgtggccag	480
ctgtgtgagg	atctcctcca	actcgggtcc	atcctctggg	aaacgctcag	agaaggatcg	540
gatgaggcca	gcagctgacg	cctcgatttc	cagaagctgc	acgtctgagc	cttcaaggcg	600
agtgttgggc	tgaacaatga	gcttccgaga	ttccttacgc	agcagcaccg	tgtccctgag	660
ggtgaggaag	cactcggggg	gcgcacagct	gactgttgca	taccctctgt	acagggcccg	720
ccctccggcc	acatcccttg	tggaacttcag	cacctgaagt	ctccgcagga	agcgtcttag	780
agcaggcttg	cccacagacc	ggatcttgct	gcggctcagg	cggaccggg	catctgggcg	840
cccacgggag	cctgtgggtg	gagtgatggt	aacgagtccc	tcgccagcct	ccagcaagac	900
tctcaggatc	acaaaccggg	cctgcataatg	ggcctgtcgc	cagttgaagg	cctcaggtgt	960
gtagaactcc	agagcgagca	gcccggcccc	aacctatgtg	agccagttca	cgtagatcac	1020
gtcctccgca	tcagccccct	caaagccaaa	gatctccagc	acttgccggg	ggagacagag	1080
gtagagaccc	acgctctcag	cccggcactc	ttcgtagctg	gaggcgatgg	tgctgaactt	1140



gctatcccag	gtctccccgc	tccgatacca	gctctgaatc	tgctcgcccc	tctctggggt	1200
gactactggt	tcctgggtcaa	agttgaatgc	tccttttttcg	tcctgtacga	agagcttgcc	1260
actgccatgg	cccagcagct	cgtgcaggcc	cacctgcaca	tcgaaggagg	gccccttcca	1320
gaggatgtac	aggtccttgt	cactctcttc	cagaaaggta	agcttctccc	gctgcgtggc	1380
gtaggccaca	gccagcacat	tccccagcga	cacgttctta	aagccttccg	tctgcctcag	1440
atccatcgtag	ttggggatgt	tgatgccggc	agggatgccg	gagccagcga	aggtgagaac	1500
atccagggag	gtgaagtcag	gggtgaggaa	cttgctcttc	tcaaagggtg	ggggccaggg	1560
cagctccttc	agcagctgct	ctgcgctcgc	caccagccgc	tcaaacttgg	cactcatggc	1620
cttgttcacc	acagctacga	aaccttcaaa	ttctctcgg	gaaccaaagg	ggtcgcggt	1680
gctctcgatg	aaccgatgt	aactctccac	gatggggcct	ttgtcctgga	tccagaagcg	1740
ggagccccctc	ttgtgggcct	cgatggagcc	ctgggtgaag	ctctctatat	actggggccag	1800
catctgcccc	tggtggctgt	tggtgcata	ggccttggct	ttctccagct	gctccaccac	1860
cttctggagg	atgggcgct	agtcctcccg	ggtcacctgg	aaagggttc	cccgaattc	1920
atagctcttc	agcttggaag	tcacctcaga	gtccagggaa	ggctctgagc	caagcacaga	1980
agccagccgc	acctcgtagt	agggcttccc	ttctccatcg	acctctttaa	gagccgggtg	2040
ttgtaggcac	tgaggttctg	tgagtccaga	aagtctgggn	caatttgga	tcttccatgg	2100
tacaattccc	agagaaatag	gtggt				2125

<210> 3296

<211> 679

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (641)...(345)

<223> similar to gil872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3296

ccagacatca	tcctagcact	taaggagctg	gaagcagagg	tatcatttaa	actacttctt	60
ctgcttccag	acatcatcct	agcacttaag	gagctggaag	gttgaacaga	aattcttctt	120
ggaatccttg	aagggttaga	ctccattctt	aaagattgga	ttctgaatat	caggtaacat	180
ttttatttgg	aatatatgta	tacagccttt	ttcaaaatcc	ctagggccac	tcttttgggg	240
gtatttaaaa	aatgtgttag	ctggatctga	ggcatcctgt	aatcaaaacc	aatatatatg	300
tagcaaaatg	aataacattt	ttcaaacttt	ttggacttca	gaattatgga	taacagattg	360
taacctcata	taaaatcata	cttttgcgct	ggggaacggg	cgtcacgcct	gtaatcccag	420
cacttttgga	ggctgagact	ggcagatcat	ttgaggtcag	gagttcgaga	ccagcctggc	480
caacatgacg	aaaccccgct	tcgactaaaa	atacaaaaaa	attagctgga	catggtggca	540
cccattctta	ctcccagcta	cttgggaggc	cgaagaggga	ggattgcttg	aaccaggag	600
gtggaggttg	cagtgagctg	agatcatgag	actgcactcc	agcctgggtg	acagagtcca	660
gactccatct	caaaaaaaa					679

<210> 3297

<211> 2228

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (72)...(956)

<223> similar to gi3386611 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3297

ggtttgcttc	ctttcccgagc	atcaatctcc	agcaaatgct	aaaagaagtc	cccaaaaggt	60
ttggggatga	gagaggtgcc	attgttcatt	acacgattct	caataacccat	gtttaccgga	120
gatcttttagg	gaaatacaca	gacttcaaga	tggtctctga	tgagattttg	ttatcattga	180
caagaaaggt	ccttctccca	gatttagaat	tttatgttaa	tcttgagat	tggcccttgg	240
agcatcgaaa	agtcaatgga	acccttagcc	ccatacctat	catttcatgg	tgtggctctc	300
tggattcaag	agatgttgtc	cttccaacgt	atgacatcac	ccactccatg	cttgaagcca	360
tgcggggtgt	tacaaatgat	ctcctctcta	ttcagggaaa	tacagggcct	tcctggatca	420
ataaaacaga	gagagctttc	ttcagaggta	gagacagccg	agaggagagg	ctccagttgg	480
tacagctgtc	caaagaaaat	cctcagctac	tagatgcagg	aattacagga	tatttctttt	540
tccaagagaa	agaaaaggag	cttggaaaag	ccaagttgat	gggtttactt	gatacttgta	600
cttaaagaaa	tgtggatggg	accgtggctg	cttacagata	tccatatctc	atgctgggcg	660
acagtctggg	tttaaagcag	gactcgccat	attatgaaca	tttctacatg	gcactagaac	720
cttgggaagca	ttatgttcca	attaaaagaa	atctgagtga	tttattagag	aaagttaaat	780
gggctaagga	aaatgatgaa	gaagccaaga	agattgcaaa	agaaggacag	ttgatggcta	840
gggacctact	acagccacac	aggctttact	gctactatta	ccaagtactg	cagaaatatg	900
ccgagcgcca	gtccagcaaa	cccgaagtac	gtgatggaat	ggaacttggt	cctcagccag	960
aagatagcac	agccatctgc	cagtgccaca	ggaaaaagcc	ttcaagagaa	gaactttgag	1020
tcagcccaga	atcacactcc	tgtgtatccc	ggctacactt	taaggaaaga	ttgaatctaa	1080
gctgtgaagg	acagtataga	agactgcacc	aagtggacta	gttctcccg	tggctttata	1140
tatgtagatg	gatatagcag	tactgggtga	gtatccctca	tctgaaatgc	ttaggaccag	1200
gagtgtttca	ggcttcagat	tttttaagat	ttgggaatat	ttgcatgtac	ataatgaggt	1260
atcttgggga	tgagatccaa	gtctaaacac	aaaattcatt	tatatattat	atataccttg	1320
ttcacatacc	ctgaaggtaa	ttttatataa	tatttttaat	aatttggtgca	tgaaacaaag	1380
tttgtataca	ttgaactgtc	agaaagcaaa	gggtgtcacta	tcttagcgac	ccaagtgggtg	1440
gtgtcagcac	tcaaaaagtt	ttggattttg	gggtattttca	gatttttagat	ttttgtatga	1500
ggaatgttca	acctgtattt	gaacgaagca	ttaccaaata	tcgattgaat	attaatatct	1560
tttgcgtaaa	aactgctatt	atcagcatca	tagtttctct	aaaaagaaaa	cttggggatc	1620
atagccgata	gagagacttg	ctaaaatata	aatcagcctc	tgcaaaactg	tttacaattt	1680
tattggttta	cataattttat	tgggtttattt	ctatcccttg	ttcacttttt	ctcttccact	1740
tccaattatg	aagagaaaaat	atttgttcag	ggttgtcccc	ccgccccccg	tcactgcata	1800
atttctcctc	ttacaagctg	cttttggctt	tcattaataa	cagcttcctt	ttagaaggtc	1860
tgataaggat	atttaaggaa	gaagagaatg	actctgttat	taaagggtggc	atggagactg	1920
tggaggggaat	attttttaaa	gcactactca	tatcctttta	actaaatttt	gccaaagccc	1980
gagacaacat	taaggagaaa	ttgtacctta	agttagtaat	tccaaatcta	tctgagttgt	2040
atacccatca	aagacaatac	agttattaac	atagatgaag	gtatgctata	ggcatcattc	2100
attatctcta	tattgaatag	gtgaaagata	actgtagtca	ggtgaaaggc	attcattatt	2160
tttaagctga	aaaggggatc	cttgaaaaca	ctgaaaacct	ctacaacaat	cttcaggaag	2220
cctgcttg						2228

<210> 3298

<211> 2017

<212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (107)...(296)

<223> similar to gi2198815 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3298
tttcgtgcgg gagatcagag gtcccgccgt cccgcgcctg acctcggctg aggacaggca      60
ccgccatggg ccacacgcac acagcccggg gttgcagcgg accggcagag attacagcct     120
ggactacctg cccttccgcc tatgggtggg catctgggtg gctacctttt gcctggtgct     180
ggtggccaca gaggccagtg tgctgggtgc ctacttcacc cgcttcaact aggaagggtt     240
ctgtgccctc atcagcctca tcttcatcta cgatgctgtg ggcaaaatgc tgaacttgac     300
ccatacctat cctatccaga agcctgggtc ctctgcctac ggggtgcctct gccaataccc     360
aggcccagga ggaaatgagt ctcaatggat aaggacaagg caaaagaca gagacgacat     420
cgtaagcatg gacttaggcc tgatcaatgc atccttgctg ccgccacctg agtgcacccg     480
gcagggaggg caccctcgtg gccctggctg tcatacagtc ccagacattg ccttcttctc     540
ccttctcttc ttcttaactt ctttcttctt tgctatggcc ctcaagtgtg taaagaccag     600
ccgcttcttc cctctgtgtg tgcgcaaagg gctcagcgac ttctctcag tcctggccat     660
cctgctcggc tgtggccttg atgctttcct gggcctagcc acaccaagc tcatggtacc     720
cagagagttc aagcccacac tccctggggg tggctggctg gtgtcacctt ttggagccaa     780
cccctgggtg tggagtgtgg cagctgccct gccctgcctg ctgctgtcta tctcatctt     840
catggaccaa cagatcacag cagtcatcct caaccgcagt gaatacagac tgcagaaggg     900
agctggcttc cacctggacc tcttctgtgt ggctgtgctg atgctactca catcagcgct     960
tggactgcct tggatatgtc cagccactgt catctccctg gtcacatgg acagtcttcg    1020
gagagagagc agagcctgtg ccccccggga gcgcccacac ttcttgggta tcaggaaca    1080
gaggctgaca ggcttgggtg tgttcactct tacaggagcc tccatcttcc tggcacctgt    1140
gctcaagttc attccaatgc ctgtgctcta tggcatcttc ctgtatatgg ggggtggcagc    1200
gctcagcagc attcagttca ctaatagggg gaagctgttg cttgatgcca gcaaaacacc    1260
agccagacct gctactcttg cggcatgtgc ctctgaccag ggtccacctc ttcacagcca    1320
tcagctttgc cctgtctggg gctgcttttg gataatcaag tctaccctg cagccatcat    1380
cttccccctc atgttgctgg gccttgtggg ggtccgaaag gccctggaga gggttttttc    1440
accacaggaa ctctctggc tggatgagct gatgccagag gaggagagaa gcatccctga    1500
gaaggggctg gagccagaac actcattcag tggaaagtgc agtgaagatt cagagctgat    1560
gtatcagcca aaggctccag aaatcaacat ttctgtgaat tagctggagt aggagtctgg    1620
gagtggagac cccaggaaac agcatgaggt gcttactcag gaagtcagga catttttggc    1680
ctttggctta acttccagat gctcagtcgg cttggggaag gactgaaggg cagctgccaa    1740
gacctcagtt acctcctgac ctgaggggtg agagtggcag gaagcaagca tgtttgctgt    1800
gcacttagga aaggctggtg agccagaggg actgatcagg cccattcac tctctactca    1860
ttaaaagggt ctgagccacg aagcgcttcc catthttgaa tttctgtcct cacagattct    1920
gttttgacaga atctaagggc catcagggaa ctcttttcat cttgcaaaga gaaaaagcca    1980
gtctttccag aataaatatt catctgtttg aaataaaa                                2017

```

<210> 3299

<211> 1056

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1046)...(9)  
 <223> similar to gi5917666 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3299  
 tttcgtgttc tgggaacgca gcagtgaccg gcctgtccgg tggttccctg ccagggtgcgg 60  
 ggtgtgagga gacagatgca tggataagtc tccgtgggaa actcaggcct ttgtcctggc 120  
 ggaggggaat ggggtctgagg cagcctctgc cgggctggcg gcctgtctgg ctgcgcgtcc 180  
 tgcagcaccg gcctcacccc cagcacacgc ccgccaggag cgcagggggc ccgaggatgg 240  
 aagcgtctgt ctgaggcgct gtcctgggac cccaccccgc cttcggggct gatgcacaga 300  
 ccgggaattg aggatacctg gtgtggagga ggccgctgtg tttgggcctg ggtctgaagg 360  
 gtgagtgggt gtcattgtgg ccacgggccg gggtcggggg agcattcagg tggccggagg 420  
 aggcctggca caggaagggg cagtgagggg cccgggtggg gccaggagat agaggggagg 480  
 gaccaggcct gtgggacagt ttgaatcacg cggggagttt ggtctttatg ggaagaaagg 540  
 cgccgtggcc attcggagag ccactctggc actgctgccg gtgcgggtccg gggctgcggg 600  
 gcctcctcct gggcctgaac tgcagggctg gtggggggcca tgggggaagg tggctccaca 660  
 ggtccccgga gctgggggag caggaggatg ggggtgacca ggagggaaag ctatggagct 720  
 ggagaatgca ggaggcccc gaggggaggt gcagccagcg ctgggtggga ggcctctgag 780  
 gggtagcgcg taattgacat cacgggtgtg ggtgagagtg gctttcaaag catcggctgg 840  
 agcagggtcc cattaagc cagagacgct gacgccatgg ggctgggggt ggggctgggc 900  
 cggggctttg ggaggtccga actcccagc agggagccag ggctctgggc cagttcccag 960  
 gccagttaa tcttcagtag aatcgatcga ccttggtca gaggggtgga ggcagggatg 1020  
 ggcaaagggt gaggggtgag gcgcacgaat ggcgaa 1056

<210> 3300  
 <211> 430  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (36)...(283)  
 <223> similar to gil619929 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3300  
 cataattcgg cagcaggggaa accaggggagc cccctactt cagtgtagag tcagcaaaac 60  
 ctgtgcagga cttctatgcc aaaattataa agcactgacg aaagaaagt aaagggatct 120  
 aagtaaataa ggagacatac catgttcatt aattttaaga ctcaacatag caaagtcgtc 180  
 aattcttccc aaatggatgt gggtttaagt caattcctat caaaatctca gcaatagtgt 240  
 ttctagataa agacaaaatt attctaacat ttacatggaa aagcaagtga actagaatag 300  
 ctcaaacaat tctggatgaa aagaacaaac tagtaggaat caatttcaat atagctacgt 360  
 aatcaagacc ctgtggtatt gctgaagaaa cagacacata gatcaatgga actaacacaa 420  
 tatacccaca 430

<210> 3301  
 <211> 2248  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1973)...(1345)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3301

gcgggtattcg	gcacgagctt	ccctccctcc	cttctctcgt	ctcctcccca	ctgcgcctcc	60
ctccctcctg	gccttccttc	ccttaccoga	ctttgcagat	ttctcttccc	ccaggcctcc	120
ctcctccacc	tctccgcccc	ctccgggctt	ggctctccca	ggaggctacg	actggagcca	180
ctggctccgc	aggatccccg	cgtcctcggg	cgcgcgcgtc	acgtccctct	cgcgtccccg	240
cccggcgcca	cgccgcctcc	tctgggttcg	gcctccgcgc	gggtgcagcgc	agtctcaggc	300
cgcgggacaa	gcccgaacta	aatctctgca	atggctaacg	aagcttatcc	ttgtccgtgt	360
gacattggcc	acagacttga	gtatggaggg	ctaggccgtg	aagttcaagt	cgagcacatc	420
aaggcttatg	tcaccaaata	ccccgttgat	gcaggcaaag	ctgtgattgt	cattcaagat	480
atatttggtc	ggcagttgcc	caataccaga	tatatagctg	acatgatctc	aggaaatgga	540
tacacaacca	ttgttcaga	cttctttgta	gggcaagagc	cttgggaccc	ctctggcgac	600
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agtgtctatct	tgaagtatct	gaaacaacag	tgtcatgccc	agaaaattgg	catcgtggga	720
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gacgaggcca	gaaggaattt	aattgagtg	ctgaacaagt	acatgtagca	agaatcaagg	1080
gcaagccttc	ctagaatagc	tttcatccca	aaatttgctt	ggaaatagtt	agatcatttg	1140
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aacacaaatt	cagtaggacg	taatgcatga	aataatttaa	tttttgacat	gtacatcgaa	1260
tcataattta	aaaacaaggt	ctgaccaggt	gtagtgcctc	atgcctgtaa	ttccagcact	1320
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tgcccagctt	agacacttat	ctatgccaca	aaacagctga	atttgtcaca	tttatatatt	2160
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taaactaatt	ttttgaattt	ttgaaaaa				2248

<210> 3302  
 <211> 2352  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1238)  
 <223> similar to gi36603 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3302

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gtgcaggagc	atcaccacaga	gagcagggag	gacgtgggtg	ttgttctgga	ggatttgcag	180
ctggatcttg	gagaaacagg	acaacagggt	gacccagacc	agccaaagaa	acaaaaata	240
cttgtggagg	agatggcccc	tctgaaagga	gtacaggaac	agcaggttcg	gcatgagtgt	300
gaagttacaa	agcctgagaa	agagaagggt	gaggagacaa	ggattgagaa	tgggaagctt	360
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gaggctcata	atgagggctc	taacttggaa	aggcatcagg	ccaagcccaa	agagaagatt	480
gagtataaat	gctcagaacg	tgagcagaga	ttcatccagc	acttggacct	gattgaacat	540
gcgagtacac	acacgggaaa	gaaactctgc	gagtcctgat	tgtgtcagag	ttccagtctt	600
acaggacata	agaaagtcct	ctcttaggag	agaaagggtc	tccagtgttc	atggagtttt	660
ggggaaagcc	tttcagagga	gttcacacct	cgtcagacat	cagaaaatcc	atcttgggtga	720
gaagccttat	cagtgtcaat	agtgtggcaa	agtcttttag	cagaatgcag	gccttttggg	780
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ccatagtcac	tccaaaagcc	atcaatgtaa	cgagtgtgga	aaagctttca	gtttgacctc	1020
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ccagaaagcc	ttccgactaa	actcacacct	tgctcagcat	gtaagaatcc	acaatgaaga	1140
aaaaccctat	cagtgtagt	aatgtggaga	agccttcagg	caaaggctcag	gtctttttca	1200
acatcagaga	tatcaccaca	aagacaaact	ggcttgatga	ggtgttctct	ccttgtagaa	1260
catcagagaa	ggcacattga	ctagcaaaca	gcacttttag	aaaagtcacc	gtagcccact	1320
gtggcatcag	aaaattcttg	ggggctgagt	tggaggctcc	ctgcctctat	tctctctcct	1380
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gaatcaagt	cccacagatt	tgcaggctta	agcagaacaa	gggaagattg	atatttttgg	1620
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tttcccatcc	ccattcccca	ccacattatg	tcaagattca	agttataaat	taacgtttta	1920
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agatcatgat	ctttatactg	tgaatagcag	aatgtcacag	atgaagaata	ttaaaattag	2220

gggcgtccac	tccaaaacat	atcaccagag	tgacaacttc	agccctcagc	ctctgcaatc	2280
catatatatc	ctggtcttgg	gagtcocatag	aatactgttt	ccttctaata	aaggtttcaa	2340
acaaaaaaaa	aa					2352

<210> 3303

<211> 2900

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2637)

<223> similar to gi4028015 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3303						
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cggaagtgg	ggctggcgcc	cggcgacgtg	gagcaagtca	ccttggcgct	cggggcccga	180
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accccgccag	gcatcgggct	cctggccaag	accccgctga	gccgcccagt	caagagaaac	300
aacgccaaagt	accggcgcat	ccaaactttg	atctacgacg	ccctggagag	accgcggggc	360
tgggcgctgc	tttaccacag	cgttggtgtt	cctgattgtc	ctaggggtgc	ttgattctgg	420
ctgtcctgga	ccacattcaa	ggagtatgag	actgtctcgg	gagactggct	tctgttactg	480
gagacatttg	ctattttcat	ctttggagcc	gagtttgctt	tgaggatctg	ggctgctgga	540
tgttgctgcc	gatacaaagg	ctggcggggc	cgactgaagt	ttgccaggaa	gccccgtgtc	600
atgttggaca	tctttgtgct	gattgcctct	gtgccagtgg	ttgctgtggg	aaaccaaggc	660
aatgttctgg	ccacctccct	gcgaagcctg	cgcttccctg	agatcctgcg	catgctgcgg	720
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caaagaactc	atcacggcct	ggtacatcgg	tttcctgaca	ctcatccttt	cttcatttct	840
tgtctacctg	gttgagaaaag	acgtcccaga	ggtggatgca	caaggagagg	agatgaaaga	900
ggagtttgag	acctatgcag	atgccctgtg	gtggggcctg	atcacactgg	ccaccattgg	960
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agcatccagc	caaaagctgg	gtctcttgga	tcgggttcgc	ctttctaate	ctcgtggtag	1320
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taaagaacca	aagcctgttg	gcttaaacaa	taaagagcgt	ttccgcacgg	ccttccgcat	1440
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agctggactt	cctcgtggat	atgcacatgc	aacacatgga	acggttgacg	gtgcagggtca	1980
cggagtatta	cccaaccaag	ggcacctcct	cgccagctga	agcagagaag	aaggaggaca	2040

acaggtattc	cgatttgaaa	accatcatct	gcaactattc	tgagacaggc	cccccggaac	2100
caccctacag	cttccaccag	gtgaccattg	acaaagtcag	cccctatggg	ttttttgcac	2160
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<210> 3304

<211> 1911

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1881)...(1582)

<223> similar to gill177607 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3304

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agcggaagg	gcgggggttg	cgctgggcat	cctgtctggg	gcctctgtct	gggactctgt	180
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gcagatggct	tccatcccag	aaatcgctct	cctctttcca	tccctacaga	gagggacaga	420
gaggcaaagt	tccttgcac	ccccggggca	ctgtccctgt	gagctcccgg	tgtcctgcac	480
atgtgagccc	ctgagtcacc	gggcctgtga	gtgtgggatg	gggctccgtg	gccagcctgg	540
cctcctgggg	ttcactttgt	gctttctctac	gccaaactctt	cctgtgtggc	tttgtctggc	600
ttccactgag	gaggcacata	ggtttggagg	acagatgagg	gcccaactgga	gagctgtacc	660
cctcagttag	ggccgcccacc	ttgatggttt	ttgatggata	atgggggttg	cctctttgtt	720
ccttccacat	gtttttatgt	ttgaccattt	gctcagctga	gcttgtctta	ataattggat	780
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tagcgttgtg	cctggcacat	agtgtatggt	ggataaatgg	gacttaggac	taaaactcat	1500
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gtggtcgtgc	cactgcactc	cagcctgggt	gacaaagtga	gactctgttt	caaggaaaag	1860
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<210> 3305

<211> 5433

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(2065)

<223> similar to gi5902966 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3305

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gatttcatct	ctcagagctc	ctctgccagt	cccgagggtg	ttgattacat	tttgcattggc	180
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gactttcttt	ccaccagtgg	atttttcacc	attgctgatg	gagagagtga	agctagcttt	960
gatgttcatt	tgtaccaga	tgaggtacct	gagatagagg	aagattatgt	gatccagctt	1020
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<210> 3306  
 <211> 895  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (802)...(236)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3306						
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agtagctggg	accacaggca	atgcaccacc	acaccaagct	aatttttgta	tttttagtag	180
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acctaccaca	gcctcctaaa	gtactgggat	tacaagcatg	agccactaca	cccgacctca	300
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gtggtttttt	tcttctttta	agaactgctg	agacatccat	aaacattttc	aaaatgcagg	420
gtatgttttt	cagtgttaag	gcaactgttc	tgatgtgttt	ttcctttgct	ctctatcacc	480
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ctaaagcaag	tgttttttct	aactccttga	gctgcatatt	gccttgagta	atcatcatcc	660
ggattgtatc	ctcttcggtg	gcacttttgt	ttcttctgaa	ttcttctctt	gccccatctt	720
tcaggatattt	gcgatcagaa	tcatttgga	cttgccgaat	tgtttgcaa	atccttctgt	780
agaggagaag	aacttgttgc	cttcttacga	actgctttaa	cgtttagcgtc	gctgggggta	840
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<210> 3307  
 <211> 2130  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (685)...(1841)  
 <223> similar to gi5524739 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3307

```

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gccttgcagc caggactgga gtcggtactt aagagtgatg gggttcccta gatacttttag    120
gccgtcgcat cgattataga gattgaggtg gaaccggggg cctgggaact ggacgcacgc     180
ggagggcgaa gatggaagcc tggcgctgtg tgaggaaggg ctacggccac tgtgtggtgg     240
gaagaggccg ataccccatg tttcccatc actcgaggag tctgggcaga gactggacta     300
caccgtggga gaatctgcaa aggtgttgct ggaacagaca tatttctagt tgtatgaggt     360
ggcctggaca ttactctcga gtccttacc catacttcag tagtaggcat ttttactaa     420
attggagacc accctgtttg tttgagtcta gaactcagtt ccagtactgt aactggagac     480
ctgacaacct gagccagaca tctttgattc atctctctag ttacgtcatg aacgctgagg     540
gagatgagcc ttcatacaaaa cgaagaaaac accaaggtgt gataaagcgg aattgggaat     600
atatatgtag ccatgataaaa gaaaaaacga agatcctagg agacaaaaat gttgatccca     660
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caagaattcg gcacgaggat aactctcacc tttatagaca ttgccggcgg ccagtattac     780
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gaatcactgg gttatcactg tgaatataag atgcgagacag gaaggaaaac tgatggctgt     960
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gcaggtacca aaagtagaaa agacagacag tgatctgaca caaacacagc tgaagcaaac    1500
agaggtccta gtgacagctg aaaaattgtc ttcaaattta cagcaccatt tcagtttgtc    1560
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ccgaagtgcc ataactgtgg attatatatt ctactctgca gaaaaggaag atgttgctgg    1680
gcaccagga gctgaagttg ctttggttgg tggcttgaaa cttctagcta gactgtcact    1740
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tgagctctaa attctcttta ttgtaaaaga gatgtaaagg ttttatattc taaatcctag    2100
taaaattgac agtgattttt aaaaaaaaaa                                2130

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<210> 3308

<211> 3569

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(2856)

<223> similar to gi219944 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3308

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cgctgccgag	gcgcccgggg	acccgcaggc	ggccgcgtcc	ttgctggccc	ctatggacgt	180
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taaagtactc	tcgctgggat	tgtcagtatg	tgtgttaaca	acaatacttg	gttgtatatt	300
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taaaaacatg	agaccggtat	atccaacaaa	aactttcccc	aatcactaca	gcattgtcac	840
cggattgtat	ccagaatctc	atggcataat	caacaataaa	atgtatgatc	ccaaaatgaa	900
tgcttccctt	tcacttaaaa	gtaaagagaa	atttaaatcct	gagtgtgtaca	aaggagaacc	960
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<210> 3309

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(653)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3309

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agcggataag	gccagagaga	tcgctaggcc	ccagaaagcc	ccctactttc	agtcagggtg	960
ggacagaggg	cttcgacata	aaatggaagc	aagccttgag	aaggaaccag	gagaccttgg	1020
agccctaaag	ttggggccag	ccgggaaatg	gg			1052

<210> 3310

<211> 2575

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2371)...(1792)

<223> similar to gi3874338 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3310

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cgaggtgtga	atgacagagg	tggtgccatc	cagcgcgctc	agcgaggtca	gcctgcgcct	180
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cacaaaggct	cttcagctcc	cctccctgct	tctggaaacc	tctgcctgct	gccttgccc	1140
tgccccctg	cgcagtcacc	atccccagg	ctgaccaggt	gtggctgcat	tcactgggag	1200
gggctgccc	tcactggg	tctccactc	cgctgcctgt	tcttgagct	ccttccctga	1260
aagctggagg	ggactttctc	ctgcaaggga	ggaacgcaag	tattatggac	acacttgacc	1320
gtaaaggcac	aggagcctcg	gaacaagggg	gcgcaataaa	gggaatggcc	cgtccccttc	1380
cagaaccagc	ccaaagaagc	ctgggggggtg	aggagtggcc	cccactcctc	catgaggggc	1440
tgatgagggg	tgggcagcct	gggggaggct	ttcctcgcaa	gcacagagct	ctgaggctca	1500
gccccctggc	acaggcggtc	acgcacagc	acggttctta	ctcctcagca	ccttccgtgc	1560
agttaccagt	gccctgggag	gtcacactgc	ccgtcggacc	ttggcatgct	ccattcagct	1620
gacctgctga	ggacaggcat	cgccgagact	ccttgggtcc	tccccgccct	ccctcatgct	1680
gccacaagct	gctgctccaa	ggcctggcca	catgcagaca	ggaggaagct	gagctcgaca	1740
ttaggcctca	aggctgccat	ctgtcttgta	gggcctggcc	ttgtgggcag	ggggcagtc	1800
tgtgccttgt	gggcctcag	cctctgagg	cagagatgct	gtcagtgccg	caggtgcac	1860
acatacttct	agcatcctct	ccacctgca	ttccaaatgc	tgcttgctgc	ctgccctgcc	1920
ctccgatgca	ggggtgggg	gggggcggag	tcccgcag	catagctgca	gtgtcacaaa	1980
gccatggcag	agggtcctag	cggcgccacc	ctgcccagc	ctgaggagga	gggagaggga	2040
ggaacaacc	tgggcagacg	gggtctcagg	gacctgtgtc	cttcgcctc	cagagctgcc	2100
cagccacggg	ctctcagggt	gctggggcag	ccccaggctc	cctcttgaac	tcagctgggg	2160
ccagggggcc	tcagaatgaa	ggcaggcacc	aggcaggagc	agcatcccc	tccttgacgg	2220
tgctggcagg	agggccgcgc	catgctgact	gcttgaacct	ctgctgacct	gacagtgtg	2280
gcgggaaggc	cgcacctgc	tgactgcctg	aatctctgct	gaggctgcct	gcctgcggg	2340
cccagctcag	cgccctctcc	actgcgaatc	agtggcgatc	atgtgatttc	tatttctgcc	2400
ccacagggtg	agggacgagt	cttctggaag	gctctgccat	ggacatttgt	cctcgggctc	2460
agaggcccca	ccctgcccc	cacctgcccc	taatcactgc	agtgctccagc	ccagtgttga	2520
acagattgta	gcgttctgtc	tcattacgag	caaataaata	gactttcatt	ggaaa	2575

<210> 3311

<211> 408  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (409)...(131)  
 <223> similar to gill177607 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3311

gcaaattaag	acaggagcag	ctcctgggag	aagcagacac	caaacaatac	ggctgctggc	60
ccagagggtca	aaaaccatgg	cctagagggg	gcggtcagga	agtgggacat	taggccgggc	120
gtggtggccc	atgcctgcaa	tcccagcatc	tttggaggcc	aaggcaagtg	gatcacctga	180
gttcaggagt	ttgagaccag	cctggccaac	atggtgagac	ttcgtctcta	ctaaaaatac	240
aaaaaaaaatt	cgctgggctt	ggtggcgggg	gcctgtaatc	ccagctactc	gggagggtga	300
ggcacaagaa	tcccttgagc	ctggggaggc	agaggttgca	gtgagccaag	atcgaccac	360
tgcactccag	cctgggcaac	agagcaagac	tccatctcaa	aaaaaaaa		408

<210> 3312  
 <211> 1931  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1774)...(1255)  
 <223> similar to gi3212854 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3312

tttttttttt	ttgggtggtt	tattatttat	ttacttgaca	ggtaacatcg	atttggctct	60
acaagacacc	atgctatagg	cttagctact	tgctgttgca	caagagaact	ttcctgaact	120
ctcaggaagc	ccttgcatgg	cctatcgagg	acagctcagt	cactgaaggg	aaaaattcca	180
taccaaagaa	gagagaaaaa	ttccatacca	aagaacagac	ttcccccagg	gaacctccgt	240
cctacagccc	ttcaggggcca	tcacactcac	acacatcagc	catcatcaaa	atagtggcca	300
tgctgggaag	aacaggagtc	ctgaactaga	aggtggtctt	caaaccatgg	cgtaccgatt	360
tatgtatatt	acagatagat	aaattaagag	gtctacatga	ataaaaaatc	tctcaaaggg	420
gaacgaattc	cattctgtca	tgccagggtg	ttgtcagaac	cttgaaaacg	aaggtgggtt	480
tcagtggagc	ttgtattaaa	aatagaaggt	at ttatacac	aggccctgct	cctctcatgg	540
ccatgaaatc	ctctgggtgt	gtcaggaccc	ctgggcaacc	tcagcaccct	tacgggtagc	600
ccatctgcag	tctgcatctt	ccgggagagc	aggggactcg	taccggggct	tttctcctgg	660
gtccccatct	cggtctggcg	acgcctccgg	acccaggggc	tgccagaggg	agtgacgctg	720
ctgtcagagg	aataatccat	acacttgctg	aagatctcag	ggctggtgct	gcagttcagt	780
ctaccttctt	ccgccagtgg	ggactttctg	gaaacgcctt	tgctgtgggc	caaggggctg	840
ctccaaggac	ttgtgcacgg	ggaggcattt	ggactcagaa	agagattctg	gtggccagac	900
gggctgagct	tggttggtgg	cgcgtgccgt	cggcccggcca	taggggatgt	ggggttgctc	960



tcggggtcag	aggagctgtt	ggcagaagac	tcatacccca	tgtactgaag	ctcctcgact	1020
ctcttgttca	gggacttggt	caggtggatg	ctcgcagtgg	gctcctcgtc	atgatttttg	1080
tctttggcag	gtttcttttt	gggtggcttc	ataccaatca	ggacagcttt	catgtttctt	1140
ttgccctgag	attctgtgat	catgaactca	tgggctttga	tggtgcttc	cacctctctg	1200
aactccacga	tggcacactc	ctgggtcccc	acttggctgt	agcggctgct	gacccctcgg	1260
atgtcagggg	gcagctctct	cccaggtttg	aggatccgca	ctgatgagat	gactccaaaa	1320
gtcccgaaaa	gcttgagcag	gtgttccatc	accttctctt	gcacccttcc	attcttcttg	1380
ggggtggcca	gagcccacag	cttaggagac	aagtagagat	catagcccag	gagcatcttg	1440
ctggggaggt	tctcgttggg	gaacagtggg	acgggggtgg	tcctcctcac	cttcgggtgg	1500
tcctcattca	actcaaggac	cactgaatac	ttcaaagcat	gtgctgtggg	tctccagtcc	1560
cgtgtaagat	gtttcacctt	tttgaaggat	gtgagtgc	taacgctcac	atatcccagc	1620
ttgttctctc	tcacgtgttt	tagcaaaaag	gcgtccttct	ccaggttttc	atcagaaaag	1680
tagaattaaa	tctggtccac	cagtttcttg	atcaactcct	catccggggg	cttccactcc	1740
tgtccaggt	cctcacgctc	gttctcacct	ccacttgcag	tggtgccact	gtgcccgcgg	1800
ctcggtcct	cctcgtctgc	gctgccccag	ccggggctga	ggtagccggc	cgggtccccg	1860
gcgccccgag	tctccgcccc	aacctcatcg	tcctccaact	cgtagcacgc	ctcggcctct	1920
tggcctcgtg	c					1931

<210> 3313

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (24)...(155)

<223> similar to gil799988 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3313

gaattcgagc	tcgcgacccg	gagatccgta	accgtgagaa	gacccatcat	tatgcccga	60
tgggttacac	agaatattat	gaatggccgc	ggcgtaatc	gtctggatga	tgtaaatcgg	120
ccaaaaagcc	cggaaatcaa	gaacgatatt	cgtctgttcc	gccaggagct	gcgtgatgcc	180
gcttatcatt	tccagggcga	tgccgacaac	gacagcttt	ctgtaacgcc	gctagtgggg	240
ctggggaaat	cgagtctgtt	gaacaagacc	attttccatc	ttatgccttg	tgccgagcag	300
aaactaacca	tctgtacgcc	atacttcaac	ctgccagcaa	tccttgtgcg	caatattatc	360
cagttgctgc	gcgaagggaa	aaaggtcgaa	attattgttg	gtgataaaac	cgcaaatgcc	420
ttctacattc	cgtacgatgc	gcctaacatg	ataatcgga	cgggtgcttca	tctctatacg	480
atgtacgggt	cgcgacattg	aattcgtaat	c			511

<210> 3314

<211> 1227

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (13)...(270)  
 <223> similar to gil710216 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```
<400> 3314
cagtttttttt tttttttttt tgctgcatga ttttattact ataaatatac agtaaaaacg      60
aaccaacgat gagcccatct gagcacatca gacggcagca catgggagtc ccagcgggcc      120
actctgcggc ccgaacttca cgcaaagctc tggcaccagg actgatggcc agaggctggg      180
gccttggtgg gggcgggggg cgggcggtgc agggggctgt gtgtgttgtt ggggagaggt      240
gcatgggggg agagaggtgc ttgggggtgg gtagaggtgc gtgggagatg ctcggtccga      300
gtgcacacac atgcatggga acatgtgcag gagtatgtgc gtgtgtgtat gcgtgacagc      360
atgtgtgagc gtgagtgtgc atgtgtgaac gtgtgcgtga gcatgtgcaa gtgggcgtgc      420
atgtgtgtgt gtgtacgtgt gagcgcctct gcgtgcctgt gcacgagcgg gaggggtggc      480
tggcctgggt gtgcagggag ctgggtgtga ggaccgtgct gtccactgct gggctctgcc      540
caggaggcag agctcatgct cggagccacc gtgagcctca gggagggtac tgagctgccc      600
cacagccgac ctgtccccag gccccactg cagggcagcc ctccagagcc aggtgagcag      660
cagacacctt gcctggccca aggtccgca ggggtggatc catgccctgg gtcaccacgg      720
cccaggcact ccctttgcca tctgcggccc caggagggtt acctataaaa aaaacaaaca      780
aacaacaaa caaacagga cgaggtcgcc cagaggccaa gcctccccgg cggggacccc      840
attccccagg tgtgtgtgtg gcttcctcct ccctgggccc agcctgccac agaaagcctg      900
agacagaaca aaccaaatac gagagaactg caagggggcc gggcgcgagg gctcacgcct      960
gtaatctcag cactctggga ggccgaggca ggtggatgac cttaggagtt tgagaccagc     1020
ccggccaaca tgggtgaaatc ctttctctac taaaaataca aaaaaattag ccgagcatgc     1080
tggtaggcac ctgtaatccc cagctactca ggagcctaag gcaggacgat cacttgaacc     1140
cgggaggcgg aggttgagcgt gacccgagat tgagccactg cactccagcc tgggcagcaa     1200
gagtgaact ccactcaaa aaaaaaa                                1227
```

<210> 3315  
 <211> 1504  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1401)...(1143)  
 <223> similar to gil872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```
<400> 3315
gacttccgac gagctgggtc ggggacacgg tgaagaggct ccagcgggac ctgcccatca      60
gtcctgggcc aggaggggct ccaagcagca ccagcgggtc cgggggagtc tcagaccggg      120
catgcgtggc tggcagacct gggagagcca gggcagggtt ttgcgttcag agaaggattg      180
ccccagagac ccgtggtgga cttcatgggt gctgagtggc ccgtgtgaca gtgatgacac      240
gaaggcttcg gcgtttgagt ggggtgcagg gcacgccagg gcttggtgct tccctgcctg      300
gccctggagg gagctgggtg gcctggcttc aggggaagac aggagccagg acacacgtca      360
gccagcagg tgtggggggt gctgcagccc tcggcagtgg ggtcaggccc tgggggatgt      420
```

ttccaatggt	gggcagcctg	gccaggccgg	agaagacatg	ttcacgggca	tctatcagat	480
gcccccttga	ggaggctgag	ttatttgagg	gctgctgcaa	agtacgctag	gctcaaattc	540
tcttttccca	gccagagccc	tggccacacg	gactcagagg	ggccaccggg	gtggggaaag	600
gacccctccc	ccaccccccg	cagccactgg	cctccagctc	tcggccacag	aatggcctct	660
aaggctgact	cagccgctcc	cttgggctgt	ggcagcagga	ggcgggggct	ctgggtcagg	720
ccccggagcc	tgtgcagctt	gcccattggc	ctaggcagcg	aggggacagc	ctgggggact	780
tcctgcctag	gcaaggatcat	tggccggggc	tggcctgtgg	atagtggggc	caggggcccgg	840
cccaggccaa	atgagtggcc	tccttgttat	gacaccaagt	gactacaagg	gaggcaagac	900
ccctccaggc	ctctcagccg	acactgggtc	ccaccacaca	cagtgactgt	gccgtgcagt	960
gcagggttctg	gccttttctt	tgaaggcatc	tggtagacct	gaagccacgc	tctcggggcg	1020
cacatgcacg	ccgcagcacc	agctgccctg	agctgcttgt	acaaccaaac	acctttcccc	1080
tcttctccag	ctgtaacctg	gagagtcagc	catgccttgt	cttttgttct	cataaatagt	1140
cactggggcc	gggcgcagtg	actcacgcct	gtaatcccag	cactttggga	ggccgagggtg	1200
ggcggatcac	ctgaggctcag	gagttcaaga	ccagcctggc	caacatgggtg	aaaccccgtc	1260
tctactaaaa	atacaaaaat	tagctgggtg	tggtggcggg	cgctgtaat	cccagctact	1320
cgggaggctg	aggcaggaga	atcgcttgaa	cccaggaggt	ggaggttgca	gtgagccgag	1380
atcgcgccac	tgcactccag	cctgggtgac	aagagtgaat	ttctgtctca	aaaaataaat	1440
acataaataa	ctaagactca	gagagtacag	tcaagatatt	aatagtcaaa	agttgtcgca	1500
acag						1504

<210> 3316

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (419)...(143)

<223> similar to gil872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3316

cagtccttgt	tccccagga	agggtctgtg	ggccccagca	cacacttggg	attatgtgta	60
tacataaata	aatattgggc	tgtttccctc	ttcctgtgaa	gtggttctca	aattcctatg	120
tactgtaaag	ctgtaccctt	aaaagtacag	atgtggccgg	gcacagtggc	tcacgcctgt	180
aatcccagca	ctttgggagg	ctgaggcggg	tggatcactt	gaggtcagga	gttcaagacc	240
agcctggcca	acatggtgaa	acctcgtctc	cgctagaaat	acaaaaatta	gccaggcgtg	300
gtggcgggca	cctgtaatct	cagctactcg	agaggctgag	gcaggagaaat	ctcttgaacc	360
tgggagggtg	agattgcagt	gagccgaggt	cgtgccattg	cactccagcc	tggacatcaa	420
agtgagactc	aggccaaaaa	aaaaa				445

<210> 3317

<211> 1198

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (174)...(803)  
 <223> similar to gi3169037 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3317

aaaatctttc	ctctaaagtc	aaactgttgc	agttgtattc	agaggccagt	gtagcgcttc	60
taaaactgaa	taacccaag	gattttcaag	aattgaataa	gcaaactaag	aagaacatga	120
ccattgatgg	aaaagaactg	accataagtc	ctgcatat	attatgggat	ctgagcgcca	180
tcagccagtc	taagcaggat	gaagacatct	ctgccagtcg	ttttgaagat	aacgaagaac	240
tgaggctactc	attgcatct	atcgagaggg	atgcaccatg	ggttcggaat	attttcattg	300
tcaccaacgg	gcagattcca	tcctggctga	accttgacaa	tcctcgagtg	acaatagtaa	360
cacaccagga	tgtttttcga	aatttgagcc	acttgccctac	cttttagttca	cctgctattg	420
aaagtcacat	tcacgcgcatc	gaagggctgt	cccagaagtt	tatttaccta	aatgatgatg	480
tcattgtttgg	gaaggatgtc	tggccagatg	atttttacag	tcactccaaa	ggccagaagg	540
tttattttgac	atggcctgtg	ccaaactgtg	cggagggctg	cccaggttcc	tggattaagg	600
atggctattg	tgacaaggct	tgtaataatt	caccctgcga	ttgggatggg	ggggattgct	660
ctggaaacag	tggagggagt	cgctatattg	caggaggtgg	agggtactggg	agtattggag	720
ttggacagcc	ctggcagttt	ggtggaggaa	taaaagagtgt	ctcttactgt	aatcagggat	780
gtgcgaattc	ctggctcgct	gataagttct	gtgaccaagc	atgcaatgtc	ttgtcctgtg	840
ggtttgatgc	tggcgactgt	gggcaaggta	tgtttactgc	caaacaaata	agaatgggag	900
cataaaacat	ccttgacagg	tagagagagt	tttgaatggc	ttttgttatt	taaaataatg	960
attctctgtg	tatcccttta	ccagccttgc	attcaaacta	gttatgaaag	taagagaaca	1020
acataaatca	ctgaagagga	tcttttctctg	ttattgttgc	agtctgggtg	tttgttttgt	1080
tttgttttgt	ttggaccaag	cagatttacc	ttagctgaaa	atatgtgggtg	aagttttaat	1140
ttggaaacaa	aaaaggatat	caataattca	ttaataaag	atgggtcaaa	cactggaa	1198

<210> 3318  
 <211> 1031  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(668)  
 <223> similar to gi1321816 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3318

ctactactgg	cctgccgcag	catggactgt	tacctggcca	ttgtccatgc	cacacgcaca	60
ctgacccagc	agcgccactt	ggtcaagttc	atatgtctgg	gtttgaggaa	cctgttctctg	120
ttactgtccc	tacgcatctt	gcttttccga	aggaccttct	acccatccaa	tgtagccca	180
gtctgctatg	aggacatggg	caacaatata	gcaaactggg	ggatgctgtt	acggatcctg	240
ccccagtcct	ttggcttcat	cgtgccgctg	cgatcatgct	gttctgctac	agattcaccc	300
tgcatagcgt	gtttaaggcc	catatggggc	agaagcactg	gaccatgtgg	gtcatctttg	360
ctgatgccct	cattttcctg	ctctgctggc	tggcctacaa	cctggacctg	ctggcagaca	420

cctcatggg	aaccagatg	accaatgaga	cctgtgagcg	ccgcaacgac	atcaaccagg	480
cctggatgc	cactgagatt	ctgggcatcc	ttcacagcta	cctcaatccc	ctcatctacg	540
ccttcattgg	ccagaagttt	tgccatggac	ttctcaagat	tatagccata	catggcttga	600
tcagcaagga	ctccctgccc	aaagacagca	ggccttcctt	tggtggctct	tcttcagggc	660
acacttccac	tactctctaa	gacctcttgc	ctaagtgcag	acccgtgggg	ttcctccctt	720
ctcttcacag	tcacattcca	agcctcatgt	ccactagctc	ttcttggtct	cagtgtcagt	780
gcagccccc	ctgtgggcgc	aggaagcaga	ggaggccacg	ttcttactag	ttcccttgc	840
atgatttaga	aagcctgccc	tggtacctca	ccccctgcca	taattactac	atcacttgct	900
ggagctctgt	ccctcctgcc	cttgagctca	tggcactcta	tggtctaaga	agtgaaaatc	960
tacactccag	tgagacagct	ctgcatactc	attaggatgg	ttaatgtcag	aagaaagaaa	1020
atcataaaat	a					1031

<210> 3319

<211> 2416

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2417)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2383)...(2122)

<223> similar to gil872200 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3319						
tttttttttt	tttttttttca	caagttatat	tttatttttaa	cacgaggatt	aacatatagt	60
tacaagggtca	atacaagcct	ccagtgggaag	ctctttattt	ggtttaattc	catctccaga	120
gacaaacagg	caactctagg	acctttacag	tggcgatcgg	cctccacnac	agcaaaatgc	180
ctccaaagtt	tagaattagt	gcaacacaca	tacgaacgtt	ttaaagggtgc	tcaacatcag	240
gttaaaatag	aattctggac	ctttttaaaa	agtttttggga	tgatataagc	acaggaggca	300
gagccaataa	gaaacatgaa	accaatattt	ctggaaaaaac	acttagcatg	aacgtcactt	360
tttgacgtcg	tgtaaacttt	cttctgcaat	gacggatgtt	accaaaaggc	attgagacct	420
ttgcgctgcg	ctggtttagac	aagccgcagg	cttatctcca	cggtagcagc	gataaaaacc	480
cccaagggaac	agcccatgac	aaccttctgt	gcctttttat	actttcccat	cctacaaagg	540
aaaaactggg	taaaggacaa	gttctctcct	ttcattgcgt	ttctaagaac	tttccagggc	600
aggttctttt	aaaattagtc	atcttacaac	acaacagtat	tctagcacgg	tggcgaagtg	660
acaggcggca	gatacggggg	aggaaggaga	cggtcacggg	aaattccaca	ttctactcta	720
tgtgaactgc	tccagaaaaa	tacagacatg	atttcacagt	aggattccca	gagtaaatga	780
tgatacatag	gacaactgac	ctcctctaag	aagcccggct	ggggcagcag	tgagcttttc	840
atggagccac	gcagactggc	ccggaagcaa	caccacaggt	caacatttaa	gagcactcgc	900
tataacattc	tttttgagcg	caggtgggtg	aaaagtttaa	aaaacaggcg	gaggagtgc	960
gggggggatac	aagcatatcc	tatactgggg	gtgacggtca	ttcaaagagc	aaattactgc	1020
agcttatatc	ttttccacta	tggtgcaaga	aatgaatcta	tcctgaccca	taatatgaaa	1080
gatgcgacgc	acatgcattc	ccgaggctct	aaaatcccat	tttaaagaac	cgtttcacat	1140
cctcgtggag	tgagagagtg	tccacttgac	ttggtgaggt	cagaagttcc	tgaagatccc	1200
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ctgtaatcac	agctatttgg	gaggctgagg	caggagaatc	gctggaaccc	aggaggtgga	2340
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cgctcaaaa	aaaaaa					2416

<210> 3320

<211> 5020

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5021)...(902)

<223> similar to gi4589538 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3320

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caactcattt	ccagcaaaga	tagcagaaaa	ctctaggttt	tgccaattt	attttttct	480
agtcactcat	tggaacacaa	gtccaacaac	aacagctcag	gaaccaaata	atgtttttat	540
attggtaagt	tcattataaa	atgccactca	attttaagaa	gccactaaaa	ggacactttc	600
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ttttatctat	tttatgtctt	tttgttttga	aacctccctt	tgtattctga	aagctgatca	840
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<210> 3321

<211> 1540

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1495)...(959)

<223> similar to gi929619 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3321

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aaatcacaaa	gttcaattca	acatgcagat	ttcaaagaaa	agggagcttt	ctagaaactg	180
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cagggactca	ctctgctggg	ggctggggct	tgagttgggtg	ctgctgtcca	ccttaagctg	1260
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cgtgtcacc	acagtcacc	acttcttctc	cccaacttca	acgcctgaat	acgcagagcg	1500
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<210> 3322  
 <211> 1421  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1401)...(393)  
 <223> similar to gi214868 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3322  
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 agcaggttca tcataagacg aaaaagggtac actctcagat tggtttaaac ctccctaactt 180  
 aaaggacaag gaaggatctg gtttttgtct tttggaaacc catgagctat ctacttggtc 240  
 tttacttcag ccaattagaa gttcaactga agatagctat tgaacatcat cttaatgatg 300  
 ttataaacag gcaatttaaa ttttttattt tgcataatcc ccaagctggg ttatcacaga 360  
 gaaagcatct gagcttctcc cagctcgcca acctgcctgg cattccgtag ctactagcca 420  
 gtcctgtttt ctttccacaa agaaaacaat gatttggtgt tttcttcttt gtcctggaaga 480  
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 agatggagaa cagagtcagc aagctcctgg tcatttccca actccaaatg gggatatcga 1380  
 ggaggtagtt tgacgttgct actgaagtga gacagtgtgt c 1421

<210> 3323  
 <211> 2351  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(2352)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2)...(1461)  
 <223> similar to gi5708210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3323

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ctgccttacc	ccgctactgt	gagataccca	ggcccagacc	ctggaggagt	ccccctactt	180
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gaaggagagg	gtgagtgggg	gatggctttc	tgaaaagggt	ggtctaaagg	atgcctatgg	2160
tcaatagggg	aaagaggggg	agaagcatct	taagaagagg	aaacagcaga	gnactggctg	2220
gatgacctgt	gactttggag	cactgggttg	tctccattgt	cattatgggc	agatgtgtgc	2280
catccccagc	cgacgccact	cactgcctct	ttcctcctgg	tgttgccact	tctgggtgag	2340
attaaggtgc	a					2351

<210> 3324

<211> 1828  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1506)...(248)  
 <223> similar to gi3873743 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3324

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aaatcctgca	caaatccttg	tattacagtt	gcacatccct	cttcctcaga	cttgccatgc	120
ttcctctttc	ctcttgctac	agagcctggt	gcacatctct	tccctctccc	ctttgccgag	180
ttagtctctg	cttatccttc	tggatctccg	tttaagaatc	acctccgaga	agccttccct	240
ggggccttcc	cgtgtggctt	gtggctcaat	catgatgttg	ataagagaag	gtttagttgt	300
gtctgcctag	gctctgcctc	agggattttt	ggagttcttc	tgggtgtttgt	acaaaatacc	360
ctttgcctcc	aatgagcagtc	atgacttgct	cataatgtga	atttggcagc	aaacacattg	420
gagggaccac	tgcagtagca	tcttgaaatt	tttaacatttc	tttccaagta	tctgtatcaa	480
aaccttggtg	aattccattg	ttattcacta	ccaacagtat	gattggcaag	ttgtacctgc	540
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caactcccat	tgttccgaaa	gtaccagcat	caagcctgtg	acgaggaagg	tagttctgaa	720
gcacagtccg	tccaatgtcc	atagtatttg	ctccttcact	taccacgaaa	cagtctctag	780
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gagaaaaaaa	taattatgat	gaaaatcgaa	atgtcctcta	ttgactacat	ttttaaagat	1680
tttttgttta	aaaggagag	agataagaaa	gtattcattt	agggctttaa	aattcatggt	1740
ctattacact	ttagcttggg	aaattattca	cccggctctg	cctgccaagt	ttttgcactg	1800
taatatgtac	tttcatctgc	ttcctaata				1828

<210> 3325  
 <211> 832  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (609)...(417)

<223> similar to gi3510234 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3325

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ttcgggggtgc	tctttggagg	gcgtgtttgt	tgaaaaacca	cccccaacc	cctgcccgcc	180
ggccccggac	ctggccacca	tggaagggtgc	tgccgatggg	ggatccgcgt	gccaggcggc	240
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gttctgtgca	aacgtagggt	ttcctgcggg	tcatcatgct	aggagggagg	ttgttggggg	420
tgctcgtgct	gtccttccgc	cgctctggga	tctctgcctt	gttgggggtg	tgggcgctgc	480
tgaccatggg	gctgaagggg	gggcagccct	cgactcccac	tccccgcggt	gctgcagctc	540
gccttccggc	ctggcagccg	ctcctccttc	agctccgcct	cccccgctgt	cgtcgggctg	600
cgtttggggg	gcaggggtgc	aggggatggg	ccacctgggg	gaggggggtac	cgtttagagc	660
tggcatcacc	acggaaaccc	agaactgact	ctgggggatc	gttggaaacct	gagaattcct	720
cacgtgggtt	gcaatctctg	tgtgggccat	tctgacaata	tctgtcaaaa	ttacctcaag	780
attaccaacg	cacatatact	gacttagaaa	ctccaaatca	atgacatcat	gc	832

<210> 3326

<211> 5866

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5867)...(3480)

<223> similar to gi4098628 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3326

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tcttttctag	ggcaattcaa	gaaggtaaca	tttgaaaggt	ttctaaatga	tgacactgt	180
aatcattcat	tcttttttaa	aatacaacac	aaaccaacag	ctacaatgct	ttttattttt	240
aacaaaaagg	atgtaaggag	ggtaagaaaa	acagaggaca	gtaagatagg	atgtaaagtg	300
tgatgtatct	ctggacacca	tccctctctg	cctgccccac	acccaaaagt	tttaaataat	360
ttaaaggata	ccaattacag	taccagaaca	ccatcaaaat	aattgtcttt	atcagggtca	420
aaaaatacag	tgattatgaa	tgagctgtga	ccagttacga	aattttactg	gaaatgttta	480
actgtggtca	gcagtccaat	ggtgtgcaca	gtgccttcaa	ttaatgcact	tgagcatagc	540
taattacatt	tctggcaggg	tccacacccc	ccaagaaaag	gtaaagctaa	gcatttcatt	600
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<210> 3327

<211> 6086

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(3488)

<223> similar to gi3043606 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3327

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tagttattgt	acctgccaca	cagacggcca	tagtacagct	gttgcaagg	gaacacatgc	360
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<210> 3328

<211> 2698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(792)

<223> similar to gi3885470 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3328

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acttggaaaa	agaggacctc	tcagaagact	cacaatctag	catgattaag	catgtcgctt	180



ggctaattctt	caccaattgc	atctttttct	gccctgtggg	cgtttttttc	atttggcacc	240
attgatccac	tggcaatctc	ttatcaggcc	ccggaaataa	tggaagtctg	ttactctgat	300
atTTTTTcca	ttgcttgctt	gcctgaatcc	agtcctgtat	gttttcttca	acccaaagtt	360
taaagaagac	tggaagttac	tgaagcgacg	tgttaccaag	aaaagtggat	cagtttccagt	420
ttccatcagt	agccaaggag	gttgtctgga	acaggatttc	tactacgact	gtggcatgta	480
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gccagtatca	tgcaaacact	tgataaaaatc	acacagctgt	cctgcattgg	cagtggcttc	600
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tgcagatgaa	gaagattcct	ttgtctcaga	cagttctgac	caggtgcagg	cctgtggacg	720
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agttaaagac	tgaactactg	tgtgtgtaac	cgtttccccc	gtcaacccaa	atcagtgttt	840
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gtcacttaga	agaaggagag	gtggcagttt	atttctcaaa	ccagtcattt	tcaaagaaca	960
ggtgcctaaa	ttataaattg	gtgaaaaatg	caatgtccaa	gcaatgtatg	atctgtttga	1020
aacaaatata	tgacttgaaa	aggatccttag	gtgtagtaga	gcaatataat	gttagttttt	1080
tctgatccat	aagaagcaaa	tttataccta	tttgtgtatt	aagcacaaga	taaagaacag	1140
ctgttaatat	tttttaaaaa	tctattttta	aatgtgattt	tctataactg	aagaaaatat	1200
cttgctaatt	ttacctaatg	tttcatcctt	aatctcagga	caacttactg	cagggccaaa	1260
aaagggactg	tcccagctag	aactgtgaga	gtatacatag	gcattacttt	attatgtttt	1320
cacttgccat	ccttgacata	agagaactat	aaattttgtt	taagcaattt	ataaatctaa	1380
aacctgaaga	tgTTTTTaaa	acaatattaa	cagctgttag	gttaaaaaaa	tagctggaca	1440
tttgTTTTca	gtcattatac	attgcttttg	tccaatcagt	aattttttct	taagtgtttt	1500
gtgattacac	tactagaaaa	aaagtaaaag	gctaattgct	gtgtgggttt	agtcgatttg	1560
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tgagctggat	tatcttgaac	ctgtgctatt	aaatggaaat	ttccatacat	cttccccata	1860
ctatttttta	taaaagagcc	tattcaatag	ctcagagggt	gaactctggt	taaacaagat	1920
aatatgttat	taataaaaaat	agaagaagaa	agaataaagc	ttagtcctgt	gtctttaaaa	1980
attaaaaatt	ttacttgatt	cccatctatg	ggcttttagac	ctattactgg	gtggagtctt	2040
aaagttataa	ttgttcaata	tgTTTTTga	acagtgtgct	aaatcaatag	caaaccact	2100
gccatattag	ttattctgaa	tatactaaaa	aaatccagct	agattgcagt	ttaataatta	2160
aactgtacat	actgtgcata	taatgaattt	ttatcttatg	taaattattt	ttagaacaca	2220
agtTgggaaa	tgtggcttct	gttcatttctg	tttaattaaa	gctacctcct	aaactatagt	2280
ggctgccagt	agcagactgt	taaattgtgg	tttatatact	ttttgcattg	taaatagtct	2340
ttgttgtaca	ttgtcagtgt	aataaaaaa	gaatctttgt	atatcaaaat	catgtagtct	2400
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acaagtttta	aaaattgcta	tcatgtatat	ttacacatct	gataaatatt	aaatcataac	2520
ttggtaaaga	actcctaatt	aaaaggTTTT	ttccaaaatt	caggttattg	aaaacttttc	2580
atTTTtattca	tttaaaaact	agaataacag	atatataaaa	gtgttaaatct	ttgtgctata	2640
tggtatgaaa	tacaatattg	tactcagtgt	tttgaattat	taaagtttct	agaaagca	2698

<210> 3329

<211> 645

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (471)...(299)

<223> similar to gi4567200 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3329
tttttttttt ttgcaactgcc acatagattt taatttgcct aaagatgata gcgattttga      60
gctgtgggta gggataactg ttcccacagt agacctatta ccaacatgag ttgctgggctt      120
tcatttaata ggactccaag ctggcaaaca aacccacca tcttcccaac agccacatca      180
tgagatctag cagcaccagc ctcttgaagt ggcttctcag tggaagggtt gctccgtttc      240
agtgaagcct ctctctcaaa gctctgacgt caccagggtg cccctcgagg gtctggatag      300
actgtccgaa aggtcagggt cactctcggt tctctagagt ggtattcttt gggcactcga      360
tgctgccagt cagcttgtgt cgctccttcc atgattaaca aggtcccatg atccaagggt      420
atcttcactc ttccacata tgtgtagtct ccattctctt cctagaaaac agcatttggt      480
gtaataaatg ttttgctgt gtaatcaaga tgcaacagaa cctgacagag gtcaaaaaaa      540
aatggaaacc tctgtcagc cagactgtgg gaatccatat atagctctgt catttggcag      600
ctgcttgact gttggcaagt tacctcatct ctctgtacce tgact                          645

```

<210> 3330

<211> 2149

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2151)

<223> similar to gi2224675 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3330
gctttgtttg atggtgatcc acatttatcc acagagaatc ctgccttggg tcttgatgct      60
ttgctagcct cagacacttg tctggatata agcgaagctg cctttgacca cagtttcagc      120
gatgcctcag gtctcaacac atccacggga acaatagatg acatgagtaa actgacatta      180
tccgaaggcc atccggaaac gccagttgat ggggacctag ggaagcaaga tatctgctca      240
tctgaagcct cgtgggggtga ttttgaatat gatgtaatgg gccagaatat cgatgaagat      300
ttactgagag agcctgaaca ctctctgtat ggtggtgacc ctcttttggg ggaagattct      360
ctgaagcagt cgctggcacc gtacacacct ccttttgatt tgtcttatct cacagaacct      420
gcccagagtg ctgaaacaat agaggaagct ggtctccag aaggatgaat ctctgggatg      480
cagagcagca gagatagtgc tttctgcact tctgatcga agaagtgaag gaaaccaggc      540
tgagaccaa aacagactgc ctggatccca gctggctgtg ctgcatattc gtgaagacct      600
tgagtccgtt tatttgcggg taggagcagg ctccaacatt ttgtctccat caaacgttga      660
ctgggaagta gaaacagata attctgattt accagcaggg ggagacatag gaccacaaa      720
tggtgccagc aaggaaatac cagaattgga agaagaaaaa acaattccta ccaaagagcc      780
tgagcagata aaatcagaat acaaggaaga aagatgcaca gagaagaatg aagatcgtca      840
tgactacac atggattaca tacttgtaaa ccgtgaagaa aattcacact caaagccaga      900
gacctgtgaa gaaagagaaa gcatagctga attagaattg tatgtagggt ccaaagaaac      960
agggctgcag ggaactcagt tagcaagctt cccagacaca tgtcagccag cctccttaaa      1020
tgaaagaaaa ggtctctctg cagagaaaat gtcttctaaa agcgatacga gatcatcttt      1080
tgaaagccct gcacaagacc agagttggat gttcttgggc catagtgagg ttggtgatcc      1140
atcactggat gccagggact cagggcctgg gtggtctggc aagactgtgg agccgttctc      1200
tgaactcggc ttgggtgagg gtccccagct gcagattctg gaagaaatga agcctctaga      1260

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atcttttagca	ctagaggaag	cctctggtcc	agtcagccaa	tcacagaaga	gtaagagccg	1320
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gcctgttcag	aaaaacatga	tctctgacac	ggaaatggag	gaggagacag	agttccttga	1440
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cagcagtcgg	gcggattacc	actatgtcat	ggaaaatctt	ttcctatatg	taataagtac	2040
tttagagttg	atggtagctg	aagactatat	gattgtgtac	ttgaatggtg	caacccccaa	2100
gaaggaggat	gccagggcta	ggctggatga	agaaatgcta	ccagatgat		2149

<210> 3331

<211> 2683

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2684)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (3)...(1352)

<223> similar to gi5262644 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3331

ggagaattat	tgacccagag	gacctaaaag	ctttgctcaa	agtgtgcat	ctcagaggaa	60
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gcctcaagaa	taaggatgtt	gctattattg	aactgaatga	aatgaagaa	aaccaagtaa	180
ctcgagatat	tgtggagaac	tggtcagtag	aagaacaagc	aatggaaatg	gatttgagt	240
tccttcaaca	ggtagaagat	ctagaaagga	gagttgcatc	agcaagtttg	caagtgaagg	300
gttggatgtg	tccagagcct	gcatcagaaa	gggaggactt	ggtatatttt	gaacataaat	360
catttactaa	attgtgcaag	gagcatgatg	gagaatttac	tggcgaagac	gaaagcagt	420
cacatgcact	agaacggaag	agtgacaacc	ccctagatat	agctgtaacc	aggctggctg	480
atttggagcg	gaacattgaa	agaagaattg	aagaggatat	tgctccaggg	ctcagggtat	540
ggagaagggc	attatcagaa	gctcgcagtg	ctgcacaggt	agctctgtgc	attcagcaat	600
tacagaaatc	aatagcatgg	gaaaaatcaa	ttatgaaagt	ttactgccaa	atctgtcgaa	660
agggagataa	tgaagaactg	cttcttcttt	gtgatggctg	tgacaaaggc	tgtcatacct	720
actgccatag	acccaagatt	acaacaatcc	cagatggaga	ctggttttgt	ccagcttgca	780
ttgctaaggc	aagtgggtcaa	actctaaaaa	tcaaaaaact	tcatgtcaaa	ggaaaaaaga	840
ctaagtagtc	aaagaaaggc	aagaaggtaa	ctttaacagg	agatactgaa	gatgaagact	900
ctgcatctac	aagtagttca	ctaaaaagag	gaaacaaaga	cctcaagaaa	agaaaaatgg	960
aggaaaaacac	ttctattaac	ttgtcaaaac	aagaaagttt	tacttcagtt	aagaaaccta	1020

aaagagatga	ctccaaggac	ctagctcttt	gcagtatgat	tctgactgaa	atggaaactc	1080
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aagttattaa	gaagcctatg	gattttttcca	caattagaga	gaaactaagt	agtggacagt	1200
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gtctgaaggt	aatgatagct	atacagtctg	tacagtaatt	atcctctacc	aacactgtgg	2220
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catttttcta	ttttgttata	taattttaag	ccaccagggc	ctaaattaaa	gtataatcat	2340
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gtgttttatc	tactgtgtgt	tgtgggtggc	tgttgagggc	aaatagatca	gatttttttt	2520
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<210> 3332

<211> 2865

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2416)

<223> similar to gi5596370 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3332

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ggggaggagg	gggcggagac	attggccccc	ttctgcccga	tggagctgag	gggcctgag	180
cccctgggct	ctagacccag	gcagccaaac	ctcattccct	gggcggcagc	aggacggagg	240
gctgccccct	acctggtcct	gacggccctg	ctgatcttca	ctggggcctt	cctactgggc	300
tacgtgcct	tccgagggtc	ctgccaggcg	tgcggagact	ctgtgttggg	ggtcagttag	360
gatgtcaact	atgagcctga	cctggatttc	caccagggca	gactctactg	gagcgacctc	420
caggccatgt	tctgtcagtt	cctggggggg	gggcgcctgg	aggacaccat	caggcaaacc	480
agccttcggg	aacgggtggc	aggctcggcc	gggatggccg	ctctgactca	ggacattcgc	540

gcggcgctct	ccgcgccagaa	gctgggaccac	gtgtgggaccg	acacgcacta	cgtgggggctg	600
caattcccgg	atccgggtca	ccccaacacc	ctgcactggg	tcgatgaggc	cggsaagggtc	660
ggagagcagc	tgccgctgga	ggaccctgac	gtctactgcc	cctacagcgc	catcggcaac	720
gtcacgggag	agctggtgta	cgcccactac	gggcggcccc	aagacctgca	ggacctgcgg	780
gccaggggag	tggatccagt	gggcgcgctg	ctgctggtgc	gcgtgggggt	gatcagcttc	840
gcccagaagg	tgaccaatgc	tcaggacttc	ggggctcaag	gagtgtcat	ataccagag	900
ccagcggact	tctcccagga	cccacccaag	ccaagcctgt	ccagccagca	ggcagtgtat	960
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tttggaaagc	tgggtctccac	ggagtggcta	gaaggctacc	tcagcgtgct	gcacctcaaa	1500
gccgtagtgt	acgtgagcct	ggacaacgca	gtgctggggg	atgacaagtt	tcattgccaag	1560
accagcccc	ttctgacaag	tctcattgag	agtgtcctga	agcagggtga	ttctcccaac	1620
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acaaaggagg	acacttatga	gaacctgcat	aagggtgctgc	aaggccgcct	gcccgcctg	1860
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gagttctctg	gggacctcaa	ggcccgccgg	ctgacctctg	agtgggtgta	ctcggcgccg	2040
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gacgagcgac	tgacacgcat	gtacaacgtg	cgcataatgc	gggtggagtt	ctacttctt	2160
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ttaatcagag	agtagcatcc	cttcaatcac	agcccccttc	cctttctggg	gtcctccata	2700
cctagagacc	actctgggag	gtttgctagg	ccctgggacc	tggccagctc	tgtagtgagg	2760
agagatcgct	ggcaccatag	ccttcattgg	caacaggtgg	tatgtggtga	aaggggcgtg	2820
gagtttcaat	atcaataaac	ccacctgata	tcaataaaaa	aaaaa		2865

<210> 3333

<211> 1716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(1478)

<223> similar to gil334149 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3333
ggcaaggcga ggcgaaagct gcacagggcc ctacgcggcc gcctcagcat gtcggacttc      60
gacgagttcg agcggcagct caacgagaat aaacaagagc gggacaagga gaaccggcat      120
cggaagcgca gccacagccg ctctcggagc cgggaccgca aacgccggag ccggagccgc      180
gaccggcgca accgggacca gcggagcgcc tcccgggaca ggcgacgacg cagcaaacct      240
ttgaccagag gcgctaaaga ggagcacggt ggactgattc gttccccccg ccacgagaag      300
aagaagaagg tccgtaaata ctgggacgtg ccacccccag gctttgagca catcaccca      360
atgcagtaca aggccatgca agctgcgggt cagattccag ccactgctct tctccccacc      420
atgacccctg acggtctggc tgtgacccca acgccgggtg ccgtggtcgg gagccagatg      480
accagacaag cccgggcgct ctacgtgggc aacatcccct ttggcatcac tgaggaggcc      540
atgatggatt tcttcaacgc ccagatgcgc ctggggggggc tgaccaggc ccctggcaac      600
ccagtgttgg ctgtgcagat taaccaggac aagaattttg ctttttttga gttccgctca      660
gtggacgaga ctaccaggc tatggccttt gatggcatca tcttcaggg ccagtcacta      720
aagatccgca ggcctcacga ctaccagccg cttcctggca tgtcagagaa cccctccgtc      780
tatgtgcctg gggttgtgtc cactgtggtc cccgactctg cccacaagct gttcatcggg      840
ggcttaccga actacctgaa cgatgaccag gtcaaagagc tgctgacatc ctttggggcc      900
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ctgtgagtac gtggacatca cgtcacggat caggccattg cggggctgaa cggcatgcag     1020
ctgggggata agaagctgct ggtccagagg gcgagtgtgg gagccaagaa tgcccacgct     1080
ggtgagcccc ccgagcacca tcaatcagac gcctgtgacc ctgcaagtgc cgggcttgat     1140
gagctcccag gtgcagatgg gcggccaccg gactgaggtc ctgtgcctca tgaacatggg     1200
gctgcctgag gagctgctgg acgacgagga gtatgaggag atcgtggagg atgtgcggga     1260
cgagtgcagc aagtacgggc ttgtcaagtc catcgagatc ccccggcctg tggacggcgt     1320
cgaggtgccc ggctgcggaa agatctttgt ggagttcacc tctgtgtttg actgccagaa     1380
agccatgcag ggcctgacgg gccgcaagtt cgccaacaga gtggttgtca caaaatactg     1440
tgaccccgac tcttatcacc gccgggactt ctggtagagg cggctggggg aggggtgggg     1500
cagggtggc tgggggcttc tccccactcc cgccccccc cttatcccc tctgaagacg     1560
atgggcagag gagtgacagc cgcagacaca cgacagccgg cagcaactgg aatggcagca     1620
attaagggtg gggagcgggg gttggggggg tgggggggta gggcagggag gggactgggg     1680
aagtgcgcac acagccccac acagacaaca cgcacg      1716

```

<210> 3334

<211> 1032

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1035)...(242)

<223> similar to gi950115 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3334

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cttttcaca aagggattaa attggggaac ccccggtttt tccccacccc ccggttttaa      60
aaaccggggc caggaattta attttggggc ccataaaaa aaattttacc ttgccaaccc     120
ccgggggaaa aaattggatc ctttaaaagg gccccccctt tttttttttt ttgctattaa     180
tcttgccaca atatttttaa ttacgtacaa agatctgaca tgtcacccag ggaccattt     240
caccactgc tctgtttggc cgccagtctt ttgtctctct cttcagcaat ggtgaggcgg     300
ataccctttc ctcggggaag agaaatccat ggtttgttgc ctttgccaat aacaaaaatg     360

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ttggaaagtc	gagtggcaaa	gctgttgcca	ttggcatctt	tcacgtgaac	cacgtcaaaa	420
gatccagggt	gcctctctct	gttgggtgatc	acaccaattc	ttcctagggt	agcacctcca	480
gtcaccatac	acaggttacc	agtgtcgaac	ttgatgaaat	cagtaatctt	gccagtctcc	540
aaatcaatct	gaatggatc	attcaccttg	atgaggggat	cggggtagcg	gatgggtgcg	600
gcatcatgag	tcaccagatg	agggattcct	tttgtgcca	caaagatctt	tctcactttg	660
cacaacttgt	acttggcctc	ctcaggtgta	atacgaatgc	cagcaaagcg	acccttggtg	720
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gcagggtagg	ttatatcagt	tcggaccttg	ccatcgattt	taatgaaccg	ctgcatgcaa	840
atcttcttta	cttcatctgc	tagtcagggc	atacttaagt	ctgttcctca	ggaaaaatga	900
tgaaggggag	acactctctc	aacttgtggg	gaccgggtgga	tggacgagga	gcaaacacac	960
cgggtcaattt	atccagcatc	caatgctttg	gagctgccac	ccgcttcaga	tgcttcttgg	1020
gaccacgagc	ca					1032

<210> 3335

<211> 361

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(362)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (361)...(196)

<223> similar to gil841302 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3335

ctcacgcaan	gcatggmntt	aacgtcccta	aaanccccgc	ggacttttct	gtaagaaagt	60
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gtacgcccag	ggaaagcggc	gttatgacag	gaagcagagt	ggctctttgt	gtgccctggc	180
ttgtgttctg	aagatacagc	tgataggtta	gttgggtcca	gattatagag	gactgagtat	240
tcagcaatgg	tgggtgaatt	atttaagtct	ttgggtgttc	tctatttaca	ggaatgtttt	300
cgatttaaag	gattaagtct	tagcacatta	gaaaggaaat	aaaaatgaag	attgtactat	360
t						361

<210> 3336

<211> 3818

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3819)...(65)

<223> similar to gi3168604 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3336
tttttttcgc tatctaagga cataacttta ttggaaacaa agagtggggt gcagaagatg      60
gctaggagtc aggctctgag ggaggtggtg gcttctcatc atcaggggga caatcgatga      120
agtcggccag catggcagct gtgtcatcct gctccttttc ctggagagct tcggcctctg      180
tctctgtctc catctcttct tctgcaggtg tctctggtgg gggctgcacc ttgtcactcc      240
catcctcagt ctctcttctc aacagggttg ggggagcaga gggctcttct tcaacaagct      300
cctggggagg gggcctgcc gcagggtttt ccccttccct ctccacctct ccctgggagg      360
ggagcgcttc aggggccagg gtgggagctg tgtcagcccc acgtcctctc tccgtccctg      420
gctcctccac ttccaaaagc agcccgggtt cgggttcggg ttctggctgc acctttgggg      480
gagactcagg gggaggcaga gctggaggca ggggtgaggg tggaggtgca ccttcttcta      540
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ggcgatgggg cctcaggagg gggactggag cagggtgtggg gcagggtgggg cccatgggct     1560
gcaggggagg aaccgggggg tgggtcagag cagcacaggt caccagtgtc tctgagcaag     1620
aaagaggaga cctcaaggct atcttctcgc tggccgaggg agaaggcttg cagggcacag     1680
gcaagaggag gtgggcagcg aggatgggg gccagcagca gcgccagcag caggcagtag     1740
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acacccatga ccaggggggag gaccagggtc tgcagtctcc tgtgagtctc ctcttgatg     1860
agaggcccac acatgaggat ggtccggctg aggcctctga gtgcagccgc acacacgtcg     1920
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cgcgggctac gcagcttaag ggcacagct ggcggggaga tgtcgctgag cagggtgggtg     2100
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cctggagaga gggaaatctc accgatgctc caggaattga ggacctgggg aagcaggcgg     2280
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agtgatgtta tttggacaaa agtagaagct ctctgggacg gactccagga tgacactgtt     2760
tggggagact cagggtcccca gtactttctt ggttgctgg tatcctgagc aagggtctctg     2820
aagagatgac aaatcccact tacaatatte ttgctactga cgctgagggt ccggcagatg     2880
aaatccagga tttcctgcac agggacggac acgggagctc caaactcaga gctgagcatg     2940
agccctaggc agcgggccag tcccgaaaac ctctgccgaa gctggagaag gacatgggca     3000

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tcaccatctt	ctgaggacag	cagcatctcc	accccagggc	cttcattctg	cacaggagca	3060
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agctcctgct	cccagctctc	ggtgtgcttc	aggecttggg	aaaagccagc	ccctaaagag	3180
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agggagggtga	gaaggccagg	gaggtgggtc	atggagatgt	cccggaacag	tgcaggcagc	3420
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ggggccgagc	ggtttggggg	atgcaccgga	gcaacggcag	accccgttcg	aggttgcagc	3780
aaaccagaaa	cactctccag	cagcagcagg	cggagccg			3818

<210> 3337

<211> 1501

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1503)

<223> similar to gi5257114 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3337

atgagccccg	ggctgctgct	gctcggcagc	gccgtcctgc	tcgccttcgg	cctctgctgc	60
accttcgtgc	accgcgctcg	cagccgctac	gagcacatcc	ccgggccgcc	gcgggccagt	120
ttccttctag	gacacctccc	ctgcttttgg	aaaaaggatg	aggttggtgg	ccgtgtgctc	180
caagatgtgt	ttttggattg	ggctaagaag	tatggacctg	ttgtgcgggt	caacgtcttc	240
cacaaaaacct	cagtcatcgt	cacgagtcct	gagtcggtta	agaagttcct	gatgtcaacc	300
aagtacaaca	aggactccaa	gatgtaccgt	gcgctccaga	ctgtgttttg	tgagagactc	360
ttcggccaag	gcttggtgtc	cgaatgcaac	tatgagcgct	ggcacaagca	gcgagagatc	420
atagacctgg	ccttcagccg	gagctccttg	gttagcttaa	tggaaacatt	caacgagaag	480
gctgagcagc	tggtggagat	tctagaagcc	aaggcagatg	ggcagacccc	agtgtccatg	540
caggacatgc	tgacctacac	cgccatggac	atcctggcca	aggcagcttt	tgggatggag	600
accagtatgc	tgctgggtgc	ccagaagcct	ctgtcccagg	cagtgaaact	tatgttggag	660
ggaatcactg	cgtcccgcga	cactctggca	aagttcctgc	caggggaagag	gaagcagctc	720
cgggagggtcc	gggagagcat	tcgcttcctg	cgccaggtgg	gcagggactg	ggtccagcgc	780
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attgctggtc	acgagacctc	tgccaaccac	ttggcgttca	cagtgatgga	gctgtctcgc	960
cagccagaga	tcgtggcaag	gctgcaggcc	gaggtggatg	aggtcattgg	ttctaagagg	1020
tacctggatt	tcgaggacct	ggggagactg	cagtacctgt	cccaggtcct	caaagagtgc	1080
ctgaggctgt	acccaccagc	atggggcacc	tttcgcttgc	tggaagagga	gaccttgatt	1140
gatgggggtca	gagtccccgg	caacaccccc	ctcttgttca	gcacctatgt	catggggcgg	1200
atggacacat	actttgagga	cccgtgact	ttcaaccccc	atcgcttcgg	ccctggagca	1260
ccaagccac	ggttcaccta	cttccccttc	tccctggggc	caccgctcct	gcategggca	1320
gcagtttgct	cagatggagg	tgaagggtgt	catggcaaa	ctgctgcaga	ggctggagtt	1380

ccggctggtg	cccgggcagc	gcttcgggct	gcaggagcag	gccacactca	agccactgga	1440
ccccgtgctg	tgcaccctgc	ggccccgcgg	ctggcagccc	gcacccccac	cacccccctg	1500
c						1501

<210> 3338  
 <211> 6298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(6298)  
 <223> similar to gi2564316 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3338						
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<210> 3339

<211> 4348

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3019)

<223> similar to gi3882181 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 3340

<211> 2983

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2984)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2314)...(1020)  
 <223> similar to gi35842 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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tggaaactga	atgggttggt	atcctgcatt	cggatcacct	ctggggccat	ccagaggaca	1440
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gtttttctcc	tgggtcccag	atactgggtg	ccgctctctt	tgtgctggca	cgggggtttt	2040
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tgggcccagc	tcggactggt	ccgcccgggc	caagggtctc	ggtgccttct	ggaaagcgct	2280
ggctgggact	tcaccctcct	ccttgaagag	cagaacgtga	agcttcccgc	gcgccaccag	2340

cagcccggtg	ttggcctcca	gccgctgcac	ctgggctgcg	cggcgcaaccg	cgcgctcttg	2400
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catggaggcc	agcttctcca	gcagggtcac	caccgtcacg	gcgtgcacgg	gacccccgc	2640
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cgcgaggggc	tggggatggt	ggcagcgggg	tctcttga	gcgtttcgcc	ttccgctgtc	2880
ccgcgcggg	ggcctgctgg	gaagcctggt	ggccccaat	cggccccctg	caaaccctct	2940
cactctgagt	ttgaggtacc	ctcctccgct	ccaaatccct	ggc		2983

<210> 3341

<211> 1321

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1321)

<223> similar to gi2055392 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3341

cacacactgc	accacagctc	tcccacctct	gaggccgagg	agttcgtctc	ccgcctctcc	60
accagaact	acttccgctc	cctgccccga	ggcaccagca	acatgaccta	tgggaccttc	120
aacttcctcg	ggggccggct	gatgatccct	aatacaggaa	tcagcctcct	catcccccca	180
gatgccatac	cccaggggaa	gatctatgag	atctacctca	cgtgcacaa	gccggaagac	240
gtgaggttgc	ccctagctgg	ctgtcagacc	ctgctgagtc	ccatcgttag	ctgtggaccc	300
cctgggcgtc	ctgcttacct	ggccagtcac	cctgggggat	ggaccactgt	gggggagccc	360
agccctgaca	gctgggagcc	tgcgcctcaa	aaagcagtcg	tgcgagggca	gctgggagga	420
tgtgctgcac	ctgggcgagg	agggccctc	ccacctctac	tactgccagc	tggaggccag	480
tgcctgctac	gtcttcaccg	agcagctgag	ccgctatgcc	ctggtgggag	aggccctcag	540
cgtggctgcc	gccaaagcgc	tcaagctgct	tctgtttgcg	ccggtggcct	gcacctccct	600
cgagtacaac	atactggtct	actgectgca	tgacactcac	gatgcactca	acgtagtggg	660
gcagctggag	aagcagctgc	aggacagct	gatccaggag	ccactggtac	tgcacttcaa	720
ggacagttac	cacaacctgc	gcctatccat	ccacgatgtg	cccagctccc	tgtggaagag	780
taagctcctt	gtcagctacc	aggagatccc	cttttatcac	atctggaatg	gcacgcagcg	840
gtacttgac	tgcaccttca	ccctggagcg	tgctagcccc	agcactagtg	acctggcctg	900
caagctgtgg	gtgtggcagg	tggagggcga	cgggcagagc	ttcagcatca	acttcaacat	960
caccaaggac	acaaggtttg	ctgagctgct	ggctctggag	agtgaagcgg	gggtcccagc	1020
cctgggtggc	cccagtgctt	tcaagatccc	cttcctcatt	cggcagaaga	taatttccag	1080
cctggaccca	ccctgtaggc	ggggtgccga	ctggcggact	ctggcccaga	aactccacct	1140
ggacagccat	ctcagcttct	ttgcctccaa	gcccagcccc	acagccatga	tcctcaacct	1200
gtgggaggcg	cggcacttcc	ccaacggcaa	cctcagccag	ctggctgcag	cagtggctgg	1260
gactgggcca	gcaggacggt	ggcttctttc	acagtgttcg	gaggctgagt	gctgaggccg	1320
g						1321

<210> 3342

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (46)...(338)

<223> similar to gil478205 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3342

gggtccgctg	cagggcaggt	tcagcagcaa	cagcagcggc	gacaccagca	gggaaaagtg	60
acagtgaagt	acgatcgtaa	ggagcttcgg	aagcggctgg	tgctggagga	atggatcgtg	120
gagcagctgg	gtcagctcta	cggctgcgag	gaagaagaaa	tgccagaggt	agaaattgac	180
attgatgac	tttttgatgc	atacagtgat	gaacagagag	cttcaaaatt	acaggaagct	240
cttgtagact	gctacaaacc	aacagaggaa	tttatcaaag	agctgctttc	tcggataaga	300
ggcatgagga	aactgagccc	ctccgcagaa	gaagagtgtg	tgattctgga	acagggtgaa	360
actctcccag	agatgaagaa	agagtcctgg	gatttgtact	tcataagac	ttttgtgaaa	420
gaataggtgt	ccttatgaac	aacgtttttg	tttttttttt	ttcttttttg	ggggtaaagg	480
tgggggggtc	tattagacat	ttattcaaga	gcgttctttt	ttgggtttta	aaggtttttg	540
ttaatgtaat	atttaaatac	caaaaatata	ttgacttttag	ccacagccta	cccagggttt	600
atcaagggag	ggggaccctc	agggaagggc	ccccccaggt	tcggtttcct	gcagggactc	660
aaatgttaat	tcccttatga	tcccggaaaa	atagtttttt	tacaagaagt	tgggcaaat	720
ttttttccta	aagttggaca	ttggactcaa	ttggcaaatt	tttcaacctg	gtattttt	777

<210> 3343

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(408)

<223> similar to gi325465 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3343

ggcttcccca	agggttcaag	aactcccca	ccatcttcgg	ggaggcattg	cctcaagacc	60
tccagaagtt	tgccaccaga	gacctagact	gcgtgttgct	ccagtacgtt	gatgatcttt	120
tgctgggaca	ccccatggca	gtcgggtgca	ccaaaggaac	agatgctcta	ctccggcacc	180
tggaggactg	tgggtataag	atgtccaaga	aaaaagctta	gatctgccga	cagcaggtac	240
attacttagg	atttactatc	cgaaagtggg	agacagccta	ggatcagaaa	gaaacaggtc	300
atttgaaatc	tactggagcc	taagaccaga	aggcaggtga	gagaattctt	atgggctgtg	360
gggttttgaa	gactgtagat	cccaaaattt	gcagtataag	ccaagcct		408



<210> 3344  
 <211> 3932  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3933)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (3934)...(282)  
 <223> similar to gi2245317 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3344

tttttttttt	ttgggggtgca	ggtggcggttt	attttcatgg	atttatacac	actggaaaag	60
cctctgcgcc	catgcccacg	ccctcctccc	tccccccggc	gctgggtccc	ctcatatgaa	120
aggggaagtaa	caccgaggag	cacacggaga	tatagggtgt	ggggctgggg	gggccagcgc	180
tggggccaaa	agtctgggtc	cccagcctcc	cacacgcagc	ccctcggggc	ccttgggtgt	240
gtcaataaat	aaccaggtc	caggctgggtg	tgggcctcac	tcctcgtgt	ccagcttcag	300
gctgatgctc	cgtgctttgc	cccgtgccag	ggtggtgggt	ggtgttcccg	ggccctcacg	360
ctccgcctgg	ctggggcccc	tcgagcgaag	cagctggctc	tgtttgcgca	ggaagtccac	420
gggggacagc	acaccatagc	tgctcttgcc	caaggcagct	ctcgggggtc	ccgaggaggc	480
atgcgagtgc	gagcccgtt	ccagctggcc	cagggtgggc	acatagccgt	ctgacaggaa	540
ctggcactgc	gcctgtagct	tccgcacggc	acggcccacg	atgtaggctc	ggctcgggga	600
cagccccagc	gccgcgtata	cagccacatc	tttgggagac	ccataaccgg	ccacgatgtt	660
cagtcctacc	tcctgcacca	ggctctggag	aaacattgcc	ttctggcgta	gtgggtcgtg	720
ggtgaggccg	tcgcagaagg	agacgacgcc	cgttggggga	agttgtgctg	ccganagcca	780
tgccaccacg	cgggtgcttct	gcatatccgg	ccggcctgtg	acattacacc	gatcaggtag	840
ccggantccn	nagtcctgcc	agtgcctgac	cacgtccacg	ggcgccagct	cgcaccttgg	900
ggtcgtgccc	catgatggag	acgctggcgg	tgaaggagcc	gtcgatgctg	aagaccacag	960
cctccgtgcc	gcggggccacc	acagtcaggc	agcattcggc	ataggtgtgg	tcgcccctga	1020
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tgaggcggcc	cgagctattg	gtgacttcgg	tgccaaagtg	gatccacttg	cccgcacgcg	1140
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cgtacatgaa	gcgcccgtt	agcacctggg	ggcggccctc	gcacaccacc	gtgtcgtcgt	1260
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ccttctcgat	cacctggcgc	aggatgaacg	ccaccacgtc	ggcggactcc	cagtagctgg	1440
cgtggaagag	gtggggcagc	gtgacgggtg	gaaaggcggt	gagcgccctg	gggcagtaca	1500
gcgagtagtc	gatccgcttg	gtccccacc	agcgtccag	gatcttaacc	acctcactgg	1560
tggtgctggg	ggcggctggc	tgggcggggg	ggtcagtggc	caactcactg	cccttccaga	1620
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ctgggcgcat	ctgggctgcc	tccagggcgg	gcatacacgt	tttgcgcaga	gccagcacca	1920

ggcccagtg	ggagccgaag	aggaagaagc	cagagacctt	gaagtcaagg	cgggcagtg	1980
tgctggggcc	gtcagggtgcc	tcggaactgg	cagcgggtgg	gcagaaggcc	gtgcttgccc	2040
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cctcgaaggc	ggagctcagc	gtctgcacat	ccgcctgctt	ggagttggcg	tctccagggc	2700
ctgagtcag	gatgttgccg	ctgtgcagga	taagggaagag	ggcgtggact	gcgcatgcct	2760
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cctcactgtc	cgagaagccg	tgggcatcaa	agaactcttc	ctcggagctg	ttctcagagt	3000
ctcgggcaat	gttctgcatg	cgccactcag	acaagctctg	ggggagacac	agcccccca	3060
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catcggggga	ggcatctggg	cctggggggg	cctcaggccc	atcgggggtg	ccagtgttgc	3180
tggccgcaga	ccgggcctcg	gtgctcggtt	tcccgggggg	ctgggcctcg	gacccctcac	3240
tgctgtgtt	gcacttggcc	atgcgctggg	ccagcatgcg	agcagtctcc	tcttccagtg	3300
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gggcccgcag	catcaccga	cgagaccta	catcatggat	gaactgctcg	atcttggctt	3420
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gctgctgccc	cccatcaggc	aggtaatagg	tctcaatttc	aatggagaat	ttctccacga	3720
aagggcaggt	gtaccgggtt	cgggtgtagg	ggtaggcatt	ccaggattcc	tcttctacct	3780
gcagggcagc	cttgggcagc	agtgcccgga	accagcctgg	gatgtgggag	cccacgtggt	3840
acaccttgtg	tgtgtattgc	ccgctgcccc	cgggcccctc	cgtgtagggc	cggttggcca	3900
ggatctccac	gccgctgccc	gcaccactag	cc			3932

<210> 3345

<211> 3235

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2338)

<223> similar to gi4200216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3345

actcggttta	gagggcttcg	gccggcggtg	gccccatgga	cagccctgct	ggcactgggc	60
ctgcctggct	gggtgttgcc	tgtctcagcc	acggcggtctg	ctgtgttccc	cgagcagcat	120
gcctccgtag	ctggccagca	tcccctggac	tggctgctca	cagaccgggg	ccccttccac	180

cgcgctcagg	agtatgctga	cttcatggag	cggtaccgcc	agggtttcac	caccaggtac	240
aggatttata	gggagtttgc	ccgttggaag	gtgaacaact	tggctctgga	aaggaaggac	300
ttcttcagtt	tgccattgcc	tcttgcccca	gagtttatcc	ggaacattcg	cctccttgga	360
aggagacca	atctgcaaca	ggttacagaa	aatctgatta	aaaagtacgg	cactcatttc	420
ttactttctg	ccacccttgg	aggagaagag	tccttgacca	tttttgtgga	caagcagaaa	480
ctgggaagaa	agacagagac	aacaggaggt	gcctctataa	tcgggggcag	tgggaacagc	540
acagctgtgt	ccctggagac	cctgcaccag	ctggccgcct	cctacttcat	cgacagagag	600
agcacgctgc	gacggctgca	ccatatccag	atagccacgg	gggccatcaa	ggtcaccgag	660
accaggaccg	gtcctctggg	ctgcagcaac	tatgacaatc	tggactcagt	cagttctgtc	720
ttggtacaga	gtccagagaa	caaagtacag	ttacttggcc	ttcaggtgct	gctgcctgag	780
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gagctcgtct	gcaaggagaa	tgactgctgg	tgcaagtgca	gccccacctt	ccctgaatgc	900
aactgccctg	atgctgacat	ccaggccatg	gaggacagcc	tgctgcagat	ccaggactcc	960
tggggcactc	acaaccggca	gtttgaagag	tcagaagagt	tccaggccct	gctgaaaagg	1020
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gcccactgtg	ctccagacaa	tagcacacgc	tgtgggagct	gcaaccggg	ctatgtgctg	1440
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gggtgaacca	gctttctcca	cctggcaaag	tccgacttga	ccttttctcc	tgettgtctc	2220
ggcatcggct	taagctggcc	aacaatgagg	tgggcaggat	ccagtcctcc	ctgagggtct	2280
tcaattctaa	gctgccaaac	cctgtggaat	atgagaccgg	caaactctgt	agctaattgg	2340
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taaaaaaaaa	taacaaaaac	aaaacaaaa	tattttat	gggattgttt	tccttgtaa	3180
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<211> 847  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(848)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (824)...(226)  
 <223> similar to gi4972706 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3346

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<210> 3347  
 <211> 648  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (639)...(287)  
 <223> similar to gi1196431 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3347

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<210> 3348

<211> 4205

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(4206)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2)...(2067)

<223> similar to gi4240265 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3348

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acaggaaatg	gagagaaatg	agatcccatt	cctgtgtcat	agcagtactg	attatgctaa	480
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<210> 3349

<211> 9831

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (289)...(6791)  
 <223> similar to gi3894265 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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caatacccac cccccccct taccctagct cggggagtg caggggagag accttgccat      180
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<210> 3350

<211> 2056

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (62)...(1399)

<223> similar to gi2739460 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3350

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&lt;210&gt; 3351

&lt;211&gt; 3247

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (3249)...(973)

<223> similar to gi6002189 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

&lt;400&gt; 3351

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<210> 3352

<211> 1194

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1106)...(253)

<223> similar to gil408211 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3352

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tttcgccttg tcaatttcag ttctctgtct ccagcagacc ttcttcattc acgt 1194

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<210> 3353

<211> 2535

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (90)...(646)

<223> similar to gi6003574 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3353

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agtcagatt ccacaccaa tcatccatca caaacaacgc ctgccccaaa gaaaactccc 180
agttcttcat ctgcacagaa agataaaagt aataaaaagaa atgaacgtgg tgaaactcct 240
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gcaaattgtg atgtgaaaga ttttgcaggt tggacaccac tgcataaagc ttgcaatgtt 360
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<210> 3354

<211> 7399

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(6150)

<223> similar to gi2224543 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 3355

<211> 1380

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (119)...(1000)

<223> similar to gi577276 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



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gaggctgagt tctatgatcc tttaaaagag aagtggattc ctattgcaa catgattaaa      540
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tgtggctaca gaggaagctg cacctatgac aaagttcaga gctacaattc cgatatcatc      660
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<210> 3356

<211> 3479

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3480)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1)...(2095)

<223> similar to gi5262681 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gatcagtgat	acactagaac	tgctaagacc	aaagatcaaa	ctctgtaatt	ctctggaaga	1260
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tgacaaaagac	tcaaaagatt	ctatgacaga	aggagaaaat	cttgaagagg	atgaagaaga	1380
agaagaaggt	ggggctgaaa	cagaagaaca	atctggaaat	gaaagtgaag	taaataagcc	1440
agaagaagag	gaggggtctg	ataatgatga	tgatgaggga	gaagaagagg	aggaagagaa	1500
tacagattac	cttacagatt	ccaataagga	aaatgaaacc	gatgaagaga	atactgaggt	1560
aatgattaaa	ggcgggtggac	ttaagcatgt	accttggtga	gaagatgagg	acttcattca	1620
agctctggat	aaaatgatgc	tagaaaatct	acagcaacga	agtgggtgaat	ctgttaaagt	1680
gcaccaacta	gatgttgcca	ttcctttgca	tctcaaaagc	cagctgagga	aagggccccc	1740
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caagcaggaa	aatcttctag	taaaacttac	atgcaggaca	acaaaatgat	gaaagatatc	2640
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tttctgcatg	tagattttaa	taaaaaacaa	aacttgtaaa	gttgtaacat	ttcacatgga	3300
aatgctgccc	aatcttcacc	agcttcagaa	atctgacctt	tgccgatgct	gcaataaagt	3360
gttgtaattt	aaaaaaaaaa	acaacccatt	accaaacata	annttggtgc	ccccctgggg	3420
gggggctcat	tttaatatgcc	gtcctcttcc	ccccctacg	ttatatatgg	gtttttata	3479

<210> 3357

<211> 2578

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2579)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(2204)  
 <223> similar to gi791043 in the genepept database release 114,  
 Run with FASTXY 3.3t00; default parameters

<400> 3357

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attcggaaaa	ctatctttac	tttcaactcca	cagtttatag	accagcaaca	gttctacctg	120
gctctggaca	acaagatgat	agtggaaatg	cttagaacag	acctctccta	cctctgtagc	180
cgctggcgga	tgacaggcca	gcccaccatc	accttcccca	tctcacacag	catgcttgat	240
gaagatggaa	caagcttgaa	ttcaagtatc	ctggcagcac	tccgaaaaat	gcaagatggg	300
tattttggtg	gggcaagggt	tcaaacaggt	aaattgtcag	agtttttgac	aacatcttgt	360
tgcacacact	tgagcttcat	ggaccctgga	cctgagggtg	agctgtacag	tgaagattat	420
gatgacaact	atgattacct	ggaatctggc	aactggatga	atgattatga	ttcaaccagt	480
catgctcgct	gtggtgatga	agttgctcgt	tatttagatc	accttttggc	gcacactgct	540
ccccatccta	aactagcccc	tacctcacag	aaaggagggc	tagatcggtt	ccaagctgct	600
gtgcaaacaa	cctgcgactt	aatgtccttg	gtgaccaagg	ccaaggaact	gcatgtacag	660
aatgttcaca	tgtatcttcc	tacgaagtta	tttcaggctt	cccggccttc	attcaactta	720
cttgattcac	ctcatccccg	acaggagaac	caggttccct	ctgttcgtgt	agaaatacat	780
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catttgacag	taggacttcc	tccagaacct	cgagaaaaga	ctatctctgc	acctctgccc	1140
tatgaggcgc	tactcagct	gatagatgaa	gccagtgaag	gggatatgag	catttcaatc	1200
cttacacagg	aaataatggt	atatctagcc	atgtatatgc	gaaccagcc	tggcctcttt	1260
gctgaaatgt	ttcgacttcg	aattggctctg	atcatacaag	ttatggcaac	agaactggcc	1320
cactcccttc	gatgctcagc	tgaggaagcc	acagagggcc	tgatgaatct	cagtccttcg	1380
gccatgaaga	atctcctgca	tcacattctc	agcggcaagg	agtttgaggt	ggaacgaaag	1440
ccgttcgtcc	cactgattca	aatgtcagtc	ctgctatttc	tatccacgag	attggtgctg	1500
ttggagcaac	caaaacagaa	cgaactggga	tcatgcagtt	aaaaagttag	ataaagcagg	1560
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caagtagtgg	gtcctttcct	agtgcatatg	atcagcagtc	atctaaagat	agtcgtcaag	1680
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agtcttgctc	tgaatgtggt	acttcgcccc	gagtaccgtc	agctgctggt	tgaagccatc	1920
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gaaaaaatag	tgcatattgc	caatgacttg	ttccttcaag	aacagaaaac	ccttgggcnc	2040
agatgatacc	atgttggaac	aggatccccg	atctgggcat	ctgtactctt	cgggtatgac	2100
agtgcaccca	gtggcagggt	tggcaccatg	acctacctct	cccagggcag	ccggccacct	2160
acgtgcagga	gttcttgccc	ccacagcatc	tgtgccatgc	aatgagggct	ttggttctctg	2220
gcttctggga	gccttttgac	agctgggtccc	tgctcgggtg	ggattgtgca	tggaactaaa	2280
atgtttattgc	ctaaccaatc	caaccctgtc	ccctttctgt	cccatccttc	ccaagaagag	2340

agaacttttt	cgataaaacta	actactgtag	aagaagtga	cacttacctg	gaggctcacc	2400
ttgcagaacc	agtgacaatc	ttatgagtat	aatgaacact	cagccaggcc	tgatcatgatt	2460
ggctttat	ctttcatcat	tcataaaagt	ttgcatgtgt	ttttattctc	tagatctgtt	2520
accaatatag	ttttctaact	cctgtttggg	gagcaagtgt	taaaaaaaaa	ttattcct	2578

<210> 3358  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (344)...(24)  
 <223> similar to gi699581 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3358						
cttgagtaca	cagaccagg	tatgcgggca	cgtgagaggc	tgctgatgat	ttatatcttc	60
cattgtgagg	gaggacttgc	ttggtcttat	aatatctagc	caaacatgtg	aatccggctc	120
tctataacaa	tcacacggaa	cttatgatcc	ttatactttc	tgatcctatc	aagatgcttt	180
cgaacagcaa	ctgctttctt	aagtacttgg	tgcatgctt	caagaagatc	aggagcatga	240
tccttagact	taagaattct	tagcatgata	ttgctgtgca	caaaacgtac	ttgtgcaaca	300
ccatgtgaat	ctctcatgat	tacaccgatc	tgtgaaggag	ta		342

<210> 3359  
 <211> 2666  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2666)  
 <223> similar to gi5257005 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3359						
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aagaaatata	atggtttgga	ggaaaaaaga	aaatctctac	ggacaactgg	tttctattca	180
ggattttcag	aagtggcaga	aaaaaggatt	aaacttttaa	ataactctga	tgaaagactt	240
caaaacagca	gggcaaaga	tcgaaaagat	gtctgggtcaa	gtattcaggg	acagtggcct	300
aaaaaaacgc	tgaaagagct	tttttcagac	tctgatactg	aggctgcagc	ttccccaccg	360
catcctgccc	cagaggaggg	ggtggcagag	gagtcactgc	agactgtggc	tgaagaggag	420

agttgttcac	ccagtgtaga	actagaaaaa	ccacctccag	tcaatgtcga	tagtaaacc	480
attgaagaaa	aaacagtaga	ggtcaatgac	agaaaagcag	aattttccaag	tagtggcagt	540
aatttcagtg	cttaaatacc	ccttccttac	ttacacctga	atcgcttca	tcagtcactg	600
taacagaaa	gcagccggca	gcagtccttct	gtaacagtat	cagaaccact	ggctccaaac	660
caagaagagg	ttcgaagtat	caagagtga	actgatagca	caattgaggt	ggatagtgtt	720
gctggggagc	tccaagacct	ccagtcctgaa	agggaatagc	tcgccagcag	gttttgatgc	780
cagtgtagc	tcaagcagta	gtaatcagcc	agaaccagaa	catcctgaaa	aagcctgtac	840
aggtcagaaa	agagtgaag	atgctcagg	aggaggaagt	tcatcaaaaa	agcagaaaag	900
aagccataaa	gcaacagtgg	taaacaacaa	aaagaaggga	aaaggcaca	atagtgtga	960
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tgcacagtgg	cacaaaaaaa	tatcagacaa	gcactatttt	atatttaaaa	attgtttctt	1560
gacaagctga	cttggcactt	aagtgcactt	ttttatgaag	aaaaagtaca	atgaactgct	1620
tttctcaag	caataattgt	ttccaacttg	tctgggaatt	gtgtgtctgg	taactggaag	1680
gccttccact	gtggcaaatg	gaggcttttc	actgcctgta	gagacaatac	agtaagcata	1740
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tgtaaaagct	ggaacatttg	atatttttcc	atttattttat	gaaaaaatat	gaacctattt	1860
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tggtaaccaa	atattaaaga	ttctctttta	aaaagactga	acatgtttac	aggtttgaat	2040
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actttgccat	ttttctataa	atcagtattt	ttttttaatt	ttgatataca	ttgtgtgaaa	2160
aaagaaaatg	gctaataaac	tgtattaaat	cttaaacaat	gtataaagat	tgtacttagc	2220
cagttcaaa	tgatatattt	ttcataatga	attataacag	ttatattttt	gtgttttctt	2280
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cctataaaat	taaatgcctt	gtataaaaatc	caaaatgaat	gcaaaattgt	tttcacttgt	2520
attgacttta	tggtgtatga	ttccaatctc	tggtctgttt	ggcacttgta	tttaattctt	2580
cacctttgta	agacatttgt	atattgtgca	tgtgttcatt	caagctattt	aatatctggc	2640
actgttaata	cacagtactt	tattgt				2666

<210> 3360

<211> 7502

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(6861)

<223> similar to gi3413886 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3360

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ggagggagat	ggctccgagg	gagaaggaga	aggagaaact	gaaggagatg	tccacactag	180
caacaggctg	cacatgggtc	gtctaattgt	gttggagaga	ttactgcaga	ccctgcctca	240
attacgaaac	gttggcggtg	tccgggccat	cccatacatg	caggtcattc	taatgtctac	300
tacagatctg	gatggagaag	atgagaaaga	caagggggcc	ctagacaacc	tgctctccca	360
gcttattgct	gagttgggta	tggataaaaa	ggatgtctcc	aagaagaatg	agcgagcg	420
cctgaatgaa	gtccatctgg	tagtaatgag	actcctgagt	gtcttcatgt	cccgacacca	480
atctggatcc	aagtcttcca	tatgtgagtc	atcttccctc	atctccagt	ccacagcagc	540
agctctactg	agctctgggg	ctgtggacta	ctgcctgcac	gtgctcaaat	cactgctgga	600
atattggaag	agccaacaga	atgacgagga	gcctgtggct	accagccagt	tgctgaaacc	660
acatactacc	tcctccccac	ctgacatgag	cccattcttt	ctccgccagt	atgtgaaggg	720
tcatgtctgt	gatgtgtttg	aggcctatac	tcagcttcta	acagaaatgg	tactgaggct	780
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ccactcgtgg	ttttactttc	tctccgagta	cctcatgatc	cagcagactc	catttgctgcg	900
ccgtcaagtc	cgaaaacttc	tgctcttcat	ctgtggatcc	aaagagaagt	accgccagct	960
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tcagtttctt	tgtggatgag	ggcgtgtccc	cagtgtctgt	gcaactgtct	tcctgtgtct	1260
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<210> 3361

<211> 187

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(180)

<223> similar to gi344422 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3361

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agctcgc						187

<210> 3362

<211> 3307

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2408)

<223> similar to gil230564 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3362



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gagatagcag	aagaggaaga	aactgttttc	cccaaagcta	aacaagttaa	aaagaaagca	240
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<210> 3363  
 <211> 4461  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4464)...(2165)  
 <223> similar to gi3724141 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3363

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<211> 6566

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (6567)...(1439)

<223> similar to gi4545099 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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 <211> 6556  
 <212> DNA  
 <213> Homo sapiens  
  
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 <221> misc\_feature  
 <222> (6558)...(1397)  
 <223> similar to gi2564332 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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tatttcaaac	tttctgggaa	ttggatagtc	agtcaaattg	atctgtttca	tttcaggagc	4800
tgtgctgctt	gatttccttt	cccagggggc	ccagtgggga	ttttttaata	gagacccaat	4860
gcttttgttc	agaaggcccc	tgctagctaa	ttcattgggt	tgactaacca	agacattggg	4920
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tgggagcctt	tatcttgtcc	accaggcttt	tctaccgcag	ctgtcatggc	ttcccgagg	5460
acaatcacc	caacagtctt	ctcattaacc	tttggggttc	cgtcggatg	acaattgcat	5520
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gggcctcttg	gaggtcttct	tctgaggagt	cagggcatca	gaaagtaaca	tgtgctggac	5880

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tgtcagtcgc	ttttctggta	ccccttctag	tccaaaccct	ttgaagcctg	cagcatgaga	6000
attaggactg	ggcatcattg	atggggtttg	actgagttga	ggcattaact	gtaaaattct	6060
gtttctggaa	cccataggca	cactgccttg	cccacactgg	agattctccc	cagtctgcat	6120
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catcacatgc	tgagaagggt	gttgttgttg	ctgcggttgc	tgctgctgct	gcccctgttg	6360
ggtcccttgt	ggaatctttg	cctgttcaaa	attcttcata	gattgaggct	gatagctgta	6420
attggattgt	gttcataag	cctgtgcatt	agaaccaca	ttgtgtcctt	catactgaga	6480
tccagcattc	acattgtaac	tgccatcata	gctctgtcca	gactggctaa	aacgctgtgg	6540
tgaagggaag	gaggag					6556

<210> 3366

<211> 1120

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (8)...(726)

<223> similar to gi4755083 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3366

tttcgtcgct	gctggcggtc	gggcgctcgg	gcggctcctgg	ccggcgagac	gagttgcatg	60
tgttggttca	gctggcgata	gcggcgggag	cggagccggc	ggggcctgtg	cgaccgcctg	120
ggtttgtgaa	atggctgctg	acatttctga	atccagcggg	gctgactgca	aaggagaccc	180
aaggaacagt	gccaagttag	atgccgatta	cccacttcga	gtccitttatt	gtggagtctg	240
ttcattacca	acagagtact	gtgaatatat	gcctgatgtt	gctaaatgta	gacaatggtt	300
agagaagaat	tttccaaatg	aatttgcaaa	acttactgta	gaaaattcac	ccaaacaaga	360
agctggaatt	agtgaggggtc	aaggaacagc	aggggaagaa	gaggagaaga	aaaaacagaa	420
gagaggtgga	aggggtcaaa	taaaacaaaa	aaagaagacc	gtaccacaaa	aggttactat	480
agccaaaatt	cccagagcaa	agaagaaata	tgtgacaaga	gtatgtggcc	ttgcaacttt	540
tgaaattgat	cttaaagaag	cacaaagatt	ttttgctcaa	aaattctcct	gtggtgcctc	600
agtaacaggg	gaggatgaaa	ttatcattca	gggagatttt	acagatgaca	taattgatgt	660
cattcaggaa	aatggccag	aggtagatga	tgacagcatc	gaagatcttg	gagaagtaaa	720
gaagtgaatt	tgaaaatttg	tctgtattta	atggcctgaa	ctgagagttg	atatggccaa	780
agggagagag	gcctttttaa	atatatatat	atatacacat	atatatgtat	atatacacat	840
atatgtatgt	atacacatat	acacatgtat	atatacatgt	gtgtatgtat	acatgtatat	900
acatatatac	atacacatat	atgtatacat	atatacacat	atatgtatac	atatatacac	960
atatatgtat	acatatatat	atattctaca	gtaaaactgt	agggctgtcc	tcgtccttgg	1020
cattttcact	gttctgtaca	aggctgcttg	tttttttatt	gccaaagtca	aataaacggg	1080
agactgtcat	gctcatgcat	gaatagaatt	tagtcaaata			1120

<210> 3367



<211> 326  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (8)...(297)  
 <223> similar to gill143061 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3367  
 cgcgagcgcg tgcacctcta aacagcttag agccacagtt ctcaaacggc ctgcctgtct 60  
 ccaagcattg gcagcagctg ctgtcctcac cttaaaagcc taaaaccatc tctacatgcc 120  
 aacctaacag tttattcaac ccataacatc aaaaacatgc taactcacca cagtgtacta 180  
 agtttcatct cccctcaca gcttctccaa ctgtatgctc tattcataaa aactcccaa 240  
 atcaccgtgc taaccagctc tcgtctaaac ccagccatgc tcttacctga aatttctacc 300  
 tgacaagacc ctgcacactt ctgtgt 326

<210> 3368  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (135)...(388)  
 <223> similar to gil840393 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3368  
 ggcacgaggc ataaagtctg attctcttac tgtctgcatg gagttttttc acttctgtgt 60  
 ggccttgga actgtgtcat ccttatattt gggttctggg atattgctgg tgataatctt 120  
 ggtgctgcat atcggtgact ccagcccatc tcaatgacct tgcttgatt attccattac 180  
 ttggacatgg cctcctgtat tccctgagag gtcccagacc ctttacagac atcctgcact 240  
 tcagactatt tgcggagca cggatctacc actccattgc atatttgaca cccctttccc 300  
 agccaaatag agctttgaga ttttttggtg gatatggagt tacctctttc catggcttac 360  
 aggttgctta aaagtatatt ggacctgtaa agaaaatcg 399

<210> 3369  
 <211> 631  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (522)...(214)  
 <223> similar to gi4929553 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3369  
 ttttttttta cagatatcca atttttttaat ttaattaaaa ctttacaatt gtattttacat 60  
 aatccatgga aggagagaaa ggggatgaaa cttgaaggaa ccaggactct ggaggatgca 120  
 ggatgctgtt tctctggatg agatgtactc tgccactgtg ctctctgggc actttcagat 180  
 gatggggtct gagatgtctc ctcaggctgc atcagctgtc ttcagtctcc agaacagaaa 240  
 gagcctgacc caggggcatc ttgggtggcc accagaacca ggtttctggg agagagttca 300  
 ggactgaaga tggggcagga gctcagcatg gaaaccctgt tctgaaggt acagcagccg 360  
 gtccagtaga ataagcgtct ccaccagtgg ggcaagcagt agagccaggc tgaagaaggc 420  
 caccacacgg ttctcctggg ccacgtgggc ctgaaggga gccagattca gtggcagctg 480  
 gggatctagc cccactcgtg gtagcccccg ctgcacatat ctgtgggatc agtcacattc 540  
 agcactcagt ttggttttaa gaactgtcac ctctcactta aactttgctt gttcctaatt 600  
 cagttccaac tttgctttat tttctcgtgc c 631

<210> 3370  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (361)...(104)  
 <223> similar to gi4929731 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3370  
 ggcacgagag ctggaaaatg agcttccagg gcttgggtgg cgtcgggaca ttgccggcga 60  
 acctgaaagg aagcccttct gccttttctc gtgaagatgg gaatttgctt tcttgggttg 120  
 aacttcaaag ccacactggt gatgcaaaac ctctgacctg tgaggcctgg ctgatcacta 180  
 gacacgtgac ctagatgagc ttcacactgc ttgcagacaa cctctgtgcg agctgaccc 240  
 aacgaggaat ccaaaggctt aagatccctg ggtggcttta tcagagccag acgtaccctg 300  
 agccttggaa aacgaaagcc acccaatgcc agagcagtac tttttctcag aactgtgaag 360  
 acataaacga tactacagct gctaatagaca ctgcaattaa cagcg 405

<210> 3371  
 <211> 4357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(3068)  
 <223> similar to gi4034486 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3371

aggaaggaag	caaagggaca	aaaccacctc	cagcagtttc	tacaaccaa	attccaccta	60
taacaaatat	ttttccctg	ccagagagat	tctgtgaagc	attagactcc	aaggggataa	120
agtggcctca	gacacaaagg	ggaatgatgg	ttgaacgacc	atgccctaag	ggaacaagag	180
gaactgcctc	atatctctgc	atgatttcca	ctggaacatg	gaaccctaag	ggccccgata	240
ttagcaactg	tacctcacac	tgggtgaatc	agctgggtca	gaagatcaga	agcggagaaa	300
atgctgctag	tcttgccaat	gaactggcta	aacatacaca	agggccagtg	tttgctgggg	360
atgtaagttc	ttcagtgaga	ttgatggagc	agttgggtga	catccttgat	gcacagctgc	420
aggaactgaa	acctagtga	aaagattcag	ctggacggag	ttataacaag	ctccaaaaac	480
gagagaagac	atgcagggct	taccttaagg	caattgttga	cacagtggac	aaccttctga	540
gacctgaagc	tttggaatca	tggaaacata	tgaattcttc	tgaacaagca	catactgcaa	600
caatgttact	cgatacattg	gaagaaggag	cttttgcctc	agctgacaat	cttttagaac	660
caacaagggg	ctcaatgccc	acagaaaata	ttgtcctgga	agttgccgta	ctcagtacag	720
aaggacagat	ccaagacttt	aaatttcctc	tgggcatcaa	aggagcaggc	agctcaatcc	780
aactgtccgc	aaataccgtc	aaacagaaca	gcaggaatgg	gcttgcaaag	ttggtgttca	840
tcatttaccg	gagcctggga	cagttcctta	gtacagaaaa	tgcaaccatt	aaactgggtg	900
ctgattttat	tggtcgtaat	agcaccattg	cagtgaactc	tcacgtcatt	tcagtttcaa	960
tcaataaaga	gtccagccga	gtatacctga	ctgatcctgt	gctttttacc	ctgccacaca	1020
ttgatcctga	caattatttc	aatgcaaact	gctccttctg	gaactactca	gagagaacta	1080
tgatgggata	ttggtctacc	cagggctgca	agctgggtga	cactaataaa	actcgaacaa	1140
cgtgtgcatg	cagccaccta	accaattttg	caattctcat	ggcccacagg	gaaattgcat	1200
ataaagatgg	cgttcatgaa	ttacttctta	cagtcatcac	ctgggtggga	attgtcattt	1260
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accgaaatac	tattcacaag	aacctttgta	tcaacctttt	cattgctgaa	tttattttcc	1380
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actttttctt	tttggcagct	tttgcttgga	tgtgcctaga	aggtgtgcag	ctctacctaa	1500
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cagaaaaagc	ttgctggctt	catgttgata	actactttat	atggagcttc	attggacctg	1680
ttaccttcat	tattctgcta	aatattatct	tcttggtgat	cacattgtgc	aaaatgggtga	1740
agcattcaaa	cactttgaaa	ccagattcta	gcaggttgga	aaacattaag	tcttgggtgc	1800
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gcttcagaca	ctcatactgc	tgtggaggcc	tcccaactga	gagtcctcac	agttcagtga	2040
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gaatgtggaa	tgatactgtg	agaaaacaat	cagaatcttc	ttttatctca	ggtgacatca	2160
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tccatcacaa	agaactcgag	gcaccactta	ttcctcagcg	gactcactcc	cttctgtacc	2700
aaccccagaa	gaaagtgaag	tccgagggaa	ctgacagcta	tgtctcccaa	ctgacagcag	2760

aggctgaaga	tcacctacag	tcccccaaca	gagactctct	ttatacaagc	atgcccaatc	2820
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cagcttcaga	tgtgctacca	gatcagcagg	ggcaatagt	atggttatat	aatccccatt	3000
aacaaagaag	ggtgtattcc	agaaggagat	gttagagaag	gacaaatgca	gctgggttaca	3060
agtctttaat	catacagcta	aggaattcca	agggccacat	gcgagtatta	ataaataaag	3120
acaccattgg	cctgacgcag	ctccctcaaa	ctctgcttga	agagatgact	cttgacctgt	3180
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caccattttt	gtaggcctgc	attgtattat	atacaagacg	taggctttaa	aatcctgtgg	3480
gacaaattta	ctgtacctta	ctattcctga	caagacttgg	aaaagcagga	gagatattct	3540
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gtaagttcta	ctcattttca	cttcttttcc	actgtatata	gtgttctgct	ttgacaaaag	3900
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aacaaaactt	ttgaagccag	ttatgtcatg	ccttgccaaa	aagtgatgaa	atctagaaaa	4020
gattgtgtgt	caccctgtt	tattcttgaa	cagagggcaa	aagagggcac	tgggcacttc	4080
tcacaaactt	tctagtgaac	aaaagggtgc	tattcttttt	ttaaaaaaat	aaaataaaaac	4140
ataaatatta	ctcttccata	ttccttctgc	ctatatattag	taattaattt	attttatgat	4200
aaagttctaa	tgaaatgtaa	attgtttcag	caaaattctg	cttttttttc	atccctttgt	4260
gtaaacctgt	taataatgag	cccatcacta	atatccagt	taaagtttaa	cacggtttgc	4320
cagtaaataa	atgtgaattt	tttcaagtaa	aaaaaaa			4357

<210> 3372

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(354)

<223> similar to gi4689108 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3372

ggcacgaggg	actatccacg	cattgtgaac	cacctggacc	acacctatgt	cactgcgccc	60
caagccttca	tgatgttcca	gtactttgtg	aagggtgtgc	ccactgtgta	catgaagggtg	120
gacggagagg	tactgacgac	aaatcagatc	tatgtgacca	gacatgagaa	ggctgcctat	180
gtgctgatgg	gcgaccaagg	ccttcccggg	gtcttcatcc	tctatgagct	ctcgcccatg	240
atgggtgaacc	tgacggagat	acacacgttc	ttctctctct	tcctgacaat	tgtgggcgct	300
caccataggt	ggcatgttct	ttgagcattt	tgtcattaat	tacttaaccc	ataagtgggg	360
gcttgggttc	tatttcaaaa	atgaaaactc	tttacagggt	ggccatagga	ctttatatgg	420
agtgaacttt	tttatgtatt	ggagtttacg	ggggggctct			460

<210> 3373  
 <211> 5255  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(4581)  
 <223> similar to gil228035 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3373

cagaaaaatc	accaaagtca	cctaattcag	tgaaagcaga	aaaagcatcc	agttatcaga	60
tgaagtcaga	aaaagtacca	agttcaccag	cagaagcaga	aaagggaccc	agtttactgt	120
tgaaagacat	gagacagaag	acagaattac	aacagattgg	aaaaaaaaatt	ccaagctcct	180
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actcaccacg	atctcagaag	caacagacat	gtacagataa	tactgggtgat	tctgatgata	300
gtgcttcagg	aattgaagac	gtatcggacg	atttaagtaa	aatgaagaat	gatgaatcta	360
ataaaagaaa	ttcttcagag	atggactact	tagaaaatgc	caactgtgata	gatgaatctg	420
cattgacacc	tgagcagagg	ctgggggtga	aacaagcaga	agaacgctta	gaaagagatc	480
acatctttcg	acttgaaaaa	cgatcaccag	aatataccaa	ttgtcgggtat	ctatgcaaac	540
tttgcttaat	tcacattgaa	aatatccagg	gggctcataa	acataataag	gagaaacgac	600
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cccttgccca	cttggtctgt	ttaagtgttg	cagtcattga	attagcaaaa	gaacatggaa	720
taacagatga	tgacctcaga	gtccgtcagg	aaattgtgga	ggaaatgtca	aagggtataa	780
cgacatTTTT	accagaatgt	tcacttaggt	tgtatggctc	atctctgact	agatttgctc	840
tgaaaagtag	tgatgttaat	atagatataa	aatttcctcc	caagatgaat	catccagatc	900
ttctgataaa	agtacttggg	attttaaaga	aaaatgtatt	atatgtagat	gtggaatctg	960
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aaatagaacc	tgtctttatt	cccttggtgt	tagcctttcg	ctactgggct	aagttgtgct	1140
atattgactc	ccaaactgat	ggtggaatcc	cttcttactg	ttttgcttta	atggtgatgt	1200
tttttctaca	acagagaaaa	ccccctcttc	ttccttgctt	acttgggaagt	tggattgaag	1260
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<210> 3374

<211> 2440

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (344)...(1917)

<223> similar to gi5052652 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3374

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<210> 3375  
 <211> 2529  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2531)...(681)  
 <223> similar to gi4884092 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3375

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<210> 3376
<211> 4333
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (4336)...(404)
<223> similar to gi4033735 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ggtcattaac	acttttcata	gttcgatctt	cagtttgcac	gtggaaacca	gtcataccac	3000
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taaatttctt	ggtcataata	acctgtagaa	tcgaggccca	ctccttgagc	ttcatcaaga	4260
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atcttcgccca	ttt					4333

<210> 3377

<211> 835

<212> DNA

<213> Homo sapiens.

<220>

<221> misc\_feature

<222> (1)...(836)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (835)...(251)

<223> similar to gi3493462 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3377

tttttttttt	ttaactggaa	agtataccaa	tttcacttta	ttagccta	ttaggaatag	60
gatgaggaga	gcggggttga	ggtcaggcat	gaaggaagag	ggtaaaaact	tgtgatggtt	120
aagatccctt	cagaactctg	gtgcagtcct	caatcactgc	agctttactg	tcagtcagtg	180
gagctgcaat	ccaaaagacg	gaaaatcgac	tcctgttttc	catttctgtg	tccagtgact	240
cttcagttac	agtgtgatga	ggctctaccag	gttgccctta	ggaggagtca	tgctgtcagg	300
aaagaaattt	actaagggtg	caaagagctg	agttctttga	gcatagggtg	gatccacatc	360
agaaaagccc	agagctgtaa	aatctgaacc	agatttgaat	agagctgatg	ccaggagctg	420
aaactctttt	gtctcttctg	ggctctgaatg	atccacagtt	atataaagat	cattttgtaa	480
atatttcaga	gcactaaggg	gatccacttg	ggccttttct	tcaaacctgt	gttttcttat	540
gaggtacttg	caatgcctca	gtaaataatc	ttttgaaggt	ctacacaact	tcagtgaacca	600
gaagtcacat	aatctcatct	ttggagagca	agattttcct	ggattccac	caaataagta	660
atgaaccttg	tgtagctcat	cgtatacaag	ctgatgggca	aaccttggac	atgggtcttc	720
ttcctgaaga	cttttagttg	gattatcctt	tgcagcttga	tcantcttat	agacacaaga	780
cctgcaagac	attgcaacta	tncctcacia	tgtcataaat	ccagaatgaa	tttct	835

<210> 3378

<211> 1700

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(843)

<223> similar to gi3881528 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3378

ggcacgagga	gctggcacag	gctgcactgc	gcaggcacaa	gggcatgctg	ggtaagcgat	60
acattgaact	cttcgggagc	actgcagccg	aagtgcagca	ggctctgaac	cgctatgcat	120
cgggccact	ccttctaca	ctgactgcc	cactgctgcc	catccccttc	ccactggcac	180
ctgggactgg	gagggactgt	gtacgcctcc	gaggcctgcc	ctacacggcc	accattgaag	240
acatcctgag	ctttctgggg	gaggcagcag	ctgacattcg	gccccacggg	gtacacatgg	300
tgctcaacca	gcagggccgg	ccatcgggcg	atgccttcat	tcagatgaca	tcagcagagc	360
gagccctagc	tgctgctcag	cgttgccata	agaaggatgat	gaaggagcgc	tacgtggagg	420
tggtcccttg	ttccacagag	gagatgagcc	gagtgcgat	ggggggcacc	ttgggcccga	480
gtggcatgtc	ccctccaccc	tgcaagctgc	cctgcctctc	accacctacc	tacaccacct	540
tccaagccac	cccaacgctc	attcccacgg	agacggcagc	tctatacccc	tcttcagcac	600
tgctcccagc	tgccagggtg	cctgctgccc	ccacctctgt	tgctactat	ccagggccag	660
ccactcaact	ctacctgaac	tacacagcct	actacccaag	tggtgtccca	gtcaggagcc	720
ttggtccgca	tgcagggtgt	cccatacacg	gctggtatga	aggatctgct	cagcgtcttc	780
caggcctacc	agctacccgc	tgatgactac	accagtctga	tgctgttgg	tgacctacct	840
cgcactgtgt	tacaagcccc	caaggaatgg	gtgtgtttgt	aggagagaaa	gccaggaggt	900
aagagccagc	tgatatcctc	ggcgaacatg	tctctcctga	gtccagaaga	ccagcacct	960
caacctggta	gcttctttct	ggcttgtcaa	agctctcaga	aggtacctag	aggagcccaa	1020

gccccagctc	catacctccac	ttattctgcc	tgtttccccc	aaagacaatg	gctggaccct	1080
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ttgactggca	cctggagagc	ccttaagtct	gtcctggctg	tgccccatgc	cgacagatat	1200
cgtggggctg	acaggtccac	ggcaggcttg	ctttctttta	taaaatggaa	gctctggtac	1260
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taccctcaga	gtatctggac	ctcagagacc	atgttgtgcc	aggggtggtc	ccacctaaag	1440
atgctagccc	ctctccaggt	gggcataagg	agtaacagat	ggcaaaacca	caaactatct	1500
tgatggactg	tgctgcagta	tcaccagaag	acattagggg	gcagtaggcc	cccacacaaa	1560
accttcaggc	ttgaatttta	aaggggagga	ctttctgcc	acttttcttg	tatgccttgg	1620
gaaagccagt	tgccctgaac	ccagcagaca	ccatggaatg	tcctttgcac	gcattaaatg	1680
gtacagaact	gaagcctcgg					1700

<210> 3379

<211> 1549

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(1294)

<223> similar to gi310102 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3379

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cgaagagcta	ctctgaaaag	atcattttact	cctgtatttt	tggaagcgc	cttgaagaac	120
aaaggagttc	agcctctttt	agatgctgtt	ttagaatacc	tcccaaatec	atctgaagtc	180
cagaactatg	ctattctcaa	taaagaggat	gactcaaaag	agaaaaccaa	aatcctaatt	240
aactccagta	gagacaattc	ccaccattt	gtaggcctgg	cttttaaact	ggaggtaggt	300
cgatttggac	aattaactta	tgttcgcagt	tatcagggag	agctaaagaa	gggtgacacc	360
atctataaca	caaggacaag	aaagaaagta	cggttgcaac	ggctggctcg	catgcatgcc	420
gacatgatgg	aggatgttga	ggaagtatat	gccggagaca	tctgtgcatt	gtttggcatt	480
gactgtgcta	gtggagacac	attcacagac	aaagccaaca	gcggcctttc	tatggagtca	540
attcatgttc	ctgatcctgt	catttcaata	gcaatgaagc	cttctaacaa	gaacgatctg	600
gaaaaatttt	caaaagggtat	tggcaggttt	acaagagaag	atcccacatt	taaagtatac	660
tttgacactg	agaacaaaga	gacagttata	tctggaatgg	gagaattaca	cctggaaatc	720
tatgctcaga	ggctggaaag	agagtatggc	tgctcttgta	tcacaggaaa	gccaaaagtt	780
gcctttcgag	agaccattac	tgcccctgtc	ccgtttgact	ttacacataa	aaaacaatca	840
ggtggtgcag	gccagtatgg	aaaagtaata	ggtgtcctgg	agcctctgga	cccagaggga	900
ctacactaaa	ttggaatttt	cagatgaaac	attcgatca	aatatttcca	aagcagtttg	960
tgctgtctgt	agaaaagggg	tttttagatg	cctgcgagaa	gggccctctt	tctggtcaca	1020
agctctctgg	gctccggttt	gtcctgcaag	atggagcaca	ccacatgggt	gatttctaag	1080
aaatctcttt	catccgagca	ggagaagggt	ctcttaacaa	agccttggca	aatgcaacat	1140
tatgtattct	ttgaacctat	tatggctgtg	gaagtgttag	ctccaaatga	atttcagggg	1200
acaagtaatt	ggcaggaatt	aaccgacgcc	atggggtaat	cactgggcaa	gatggagttg	1260
aggactatct	tacactgtat	gcagatgtaa	gtagtcttgg	tcattggcag	tcctgctttt	1320
attaaccata	gaaggaaatc	caggttagct	tttgtttttg	caaattggaca	catttccttg	1380
ctgaatttgt	ggcttttatac	atgtggcatt	ttctgtaatt	tgctattaaa	gcaactctta	1440
agtgcagaag	ttaaaaaataa	gatttatctt	atcttgacct	tttgtgaatg	tgctattttc	1500

ttagatgtat attatctctc tttcttgaat aagcacagat ggacaaatt

1549

<210> 3380

<211> 2580

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(1976)

<223> similar to gil556399 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3380

ggcacgagct	gtgttccgac	atctacctaa	agttctatga	acctcaagat	agagatgatac	60
tctattttta	cattgccaca	tacctagagc	accatgtggc	ggagcacact	gctgagagct	120
acatgctgca	gtggcagcgt	ggacaccttt	ccaactatca	gtacctcctt	cacctcaaca	180
acctggccga	ccgcagctgc	aacgacctct	cccagtaccc	tgtgtttcca	tggataatac	240
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agccagtagg	ggccctaaat	aaggaacggc	tggagagact	actgacacgc	taccaggaaa	360
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tatcttgtaa	ggattgcacc	cagagtatat	gctgtgcctg	cagaatggaa	gatttgataa	480
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gcagttacac	gagcactata	aaatccacaa	agaagcagtt	actggaatca	cggctctctg	1140
caatggatct	tcagtattca	caacatccca	agattccacc	ttgaagatgt	tttctaaaga	1200
atcaaaaatg	ctacaaagaa	gtatatcatt	ttcaaatatg	gctttatcgt	cttgtttact	1260
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ctgttggcat	gacaacaggc	tatattctgc	atcgtgggac	tctacagtga	aggtgtggtc	1440
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ggaacatgat	gtcagtgtag	atacaatcag	tttaaattgt	gcaagcacac	tgtagttttc	1560
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gagaatacag	ggccacacag	gtgctgtgac	atgtatatgg	atgaatgaac	agtgtagcag	1920
tatcatcaca	ggagggggaag	acagacaaat	tatattctgg	aaattgcagt	attaagtgcc	1980
ttttctctct	ctgaatatta	aattgaaact	tatttaaatg	atttttaaac	caaactttta	2040
aacggactgg	tgaatgtgca	atgttagtaa	ttagaagttt	taccacatgg	aaaatttgtg	2100
gttttaaaact	ttctaaatca	tgggtgacttc	attgaaagcc	attagttgct	attctcttag	2160

ggcagataaa	atgctggctgt	gttaggaaaa	acatgttaca	ctgtaaggca	gatgatcgtc	2220
cccgtatgat	gattgtcaga	agacaggact	aagtagcaga	gaatagctaa	gagataaatt	2280
gggctgggga	aacttgtcag	aaagcactga	acaattaaga	aattttccaa	gaaaatgtgc	2340
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tcgggttttg	ggtgtgtgtt	ttcatagcgt	ggttactttc	tataatgctg	tacccagatt	2460
ctaagaacct	ggagaaggat	tagcagttct	tagtaagttt	actgtgtata	ggaacggttt	2520
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<210> 3381

<211> 2825

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2407)

<223> similar to gi3822218 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3381

caagtggctg	cgggacactg	ctgccagacc	tgcccccagg	agcgagcag	ttcggagcgg	60
cagccgagcg	gcctgtcctt	cgagtatccg	cgggacccgg	agcatcgag	ttatagcgac	120
cgcggggagc	caggagctga	ggagcggggc	cgtggtgacg	gccacacgga	cttcgtggcg	180
ctgctgacag	ggccgaggtc	gcaggcgggtg	gcacgagccc	gagcctcgct	gctgcgctct	240
agcctccgct	tctctatctc	ctacaggcgg	ctggaccgcc	ctaccaggat	ccgcttctca	300
gaccccaatg	gcagtgtcct	gtttgagcac	cctgcagccc	ccacccaaga	tggcctggtc	360
tgtgggggtg	ggcgggcagt	gcctcgggtg	tctctgcggc	tccttagggc	agaacagctg	420
catgtggcac	ttgtgacact	cactcaccct	tcaggggagg	tctggggggc	tctcatccgg	480
caccggggccc	tggctgcaga	gaccttcagt	gccatcctga	ctctagaagg	ccccccacag	540
cagggcgtag	ggggcatcac	cctgctcact	ctcagtgcga	cagaggactc	cttgcatattt	600
ttgctgctct	tccgagggct	gctggaaccc	aggagtgggg	gactaaccca	ggttcccttg	660
aggctccaga	ttctacacca	ggggcagcta	ctgcgagaac	ttcaggccaa	tgtctcagcc	720
caggaaccag	gctttgctga	ggtgctgccc	aacctgacag	tccaggagat	ggactggctg	780
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tgccctgac	ccagtccaga	cgggtgctgc	cggctcagcc	agcctcacgc	tgctaggaaa	960
tggctccctg	atctatcagg	ccgtgggtat	ctgcccctggg	ctgggtgccc	gaggggctca	1020
tatgctgctg	cagaatgagc	tcttcctgaa	tgtgggcacc	aaggacttcc	cagacggaga	1080
gcttcggggg	cacgtggctg	ccctgcccta	ctgtgggcat	agcgcccgcc	atgacacgct	1140
gcccgtgccc	ctagcaggag	ccctggtgct	accccctgtg	aagagccaag	cagcagggca	1200
cgcttgctt	tcttgagata	cccactgtca	cctgcactat	gaagtgctgc	tggctgggct	1260
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aacgggtgatc	tgtgacccgg	tgggtgtgccc	accgcccagc	tgcccacacc	cgggtgcaggc	1800

tcccgaccag	tgctgccctg	tttgccctga	gaaacaagat	gtcagagact	tgccagggct	1860
gccaaaggagc	cgggacccag	gagagggctg	ctattttgat	ggtgaccgga	gctggcgggc	1920
agcgggtacg	cggtggcacc	ccgttgtgccc	cccctttggc	ttaattaagt	gtgctgtctg	1980
cacctgcaag	gggggacctg	gagaggtgca	ctgtgagaag	gtgcagtgtc	cccggctggc	2040
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ggtggcatcg	aggaccttct	tgcattctcc	tgtgggaagc	ccagtgcctt	tgctcctctg	2520
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aatttatctt	cactcagcac	caagggcccc	cgacactcca	ctcctgctgc	ccctgagctg	2760
agcagagtca	ttattggaga	gttttgtatt	tattaaaaca	tttctttttc	agtcaaaaaa	2820
aaaaa						2825

<210> 3382

<211> 1504

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(1093)

<223> similar to gi5262621 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3382

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atgtgcgctt	caagaaggat	cacgggctgg	tggggcgagt	gttcgccttc	gatgctactg	120
cccgtcctcc	aggatacgag	ttcgagctga	agctcttcac	cgaatacccc	tgtggttccg	180
gcaatgtgta	cgccggcgctc	ctggcagtgg	ctcgccagat	gttccacgat	gctctgcggg	240
agccgggcaa	ggcactggct	tcttcgggct	tcaagtacct	cgaatatgaa	cgccggcatg	300
gatcaggaga	atggcggcag	ctgggcgagc	tgcttaccga	cggcgctccgc	agcttccgcg	360
agccagctcc	cgcggaggcc	ctgccccagc	agtaccacga	gccggccccct	gcggctctct	420
gtggcccacc	cccgcgagcc	ccatcccggg	acctggcgcc	cacgcgcgcg	cgtcgcaagg	480
catccccga	gccggagggc	gaggcggtg	ggaagatgac	caccgaggag	cagcagcaac	540
ggcactgggt	ggcacccggc	ggcccgact	ccgctgagac	ccctgggtgtg	ccctcgccca	600
ttgccgccct	gaagaatgtg	gccgaagccc	tgggccactc	acccaaggac	cctggcggag	660
gcggggggcc	tgtgcgtgca	gggggcgcca	gccctgcagc	ctcctccacg	gccccgcgcg	720
caacccagca	tcgccttgtg	gcccgcacg	gcgaagcaga	agtcagtccc	acagcggggg	780
ccgaagctgt	cagcgggggt	ggcagcgcca	ctggggcgac	ccctggggcc	cccctgtgct	840
tgtaccctgt	gcagggagcg	gctagaagac	acccacttcg	tccaggtgcc	ctccggtgcc	900
cgaacacaag	ttctgcttcc	cctgctcccc	gaagttcatc	aaggcgcagg	gccccggccg	960
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ccttcatgca	gggcgagatc	gccaccatcc	ttgctggaga	catcaaagtt	aagaaagaac	1080
gggaccccta	ggctaccact	gcctccaggc	tactgccttc	tgcccccttg	ccaccacccg	1140

ctgccgcgga	taaattat	cctccccgac	ccagcccagt	gccacctcta	tctgtgtaca	1200
tactcccttc	ttccaccag	atgggtcccc	tggggttagat	gcattgtggg	tggggggaga	1260
aagcttgtgg	ctcctgtccg	agggggtggt	tggggtccct	tggccctcc	agtttccctc	1320
tgctctcctt	ggcttggctt	tgctgtctgt	tgtagtgtgg	ggagaggtgc	ccccctcctc	1380
cttgagaagg	gacctcctga	aaactcgtct	tttataaacg	aggcaaaagc	atttaattcc	1440
caccccccca	ccccccgctc	ccttctgtct	cttcaataaa	ccgaaagatg	ggtttttttt	1500
tttc						1504

<210> 3383

<211> 1333

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (47)...(1247)

<223> similar to gi5442271 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3383

gccaggccgg	caccaggcac	agacacttat	gcccttgttg	ggagaacaga	gagaggctct	60
cttgctccact	gcctgtcttc	ggttccaact	gctggttctc	ctagaggcct	ctcctcagac	120
tcgcagagct	gcctgatcat	tgctacagaa	tgaactctag	cccagctggg	accccaagtc	180
cacagccctc	cagggccaat	gggaacatca	acctggggcc	ttcagccaac	ccaaatgcc	240
agcccacgga	cttcgacttc	ctcaaagtca	tgggcaaagg	gaactacggg	aaggtcctac	300
tggccaagcg	caagtctgat	ggggcgttct	atgcagtga	ggtactacag	aaaaagtcca	360
tcttaaagaa	gaaagagcag	agccacatca	tggcagagcg	cagtgtgctt	ctgaagaacg	420
tgcggcaccc	cttcctcgtg	ggcctgcgt	actccttcca	gacacctgag	aagctctact	480
tcgtgctcga	ctatgtcaac	gggggagagc	tcttcttcca	cctgcagcgg	gagcgccggt	540
tcctggagcc	ccgggcccagg	ttctacgctg	ctgaggtggc	cagcgccatt	ggctacctgc	600
actccctcaa	catcatttac	agggatctga	aaccagagaa	cattctcttg	gactgccagg	660
gacacgtggg	gctgacggat	tttggcctct	gcaaggaagg	tgtagagcct	gaagacacca	720
catccacatt	ctgtggtacc	cctgagtact	tggcacctga	agtgtctctg	gaaagagcct	780
tatgatcgag	cagtggactg	gtggtgcttg	ggggcagtc	tctacgagat	gctccatggc	840
ctgccgccct	tctacagcca	agatgtatcc	cagatgtatg	agaacattct	gcaccagccg	900
ctacagatcc	ccggaggccg	gacagtggcc	gcctgtgacc	tcctgcaaag	ccttctccac	960
aaggaccaga	ggcagcggt	gggctccaaa	gcagactttc	ttgagattaa	gaaccatgta	1020
ttcttcagcc	ccataaactg	ggatgacctg	taccacaaga	ggctaactcc	acccttcaac	1080
ccaaatgtga	caggacctgc	tgacttgaag	cattttgacc	cagagttcac	ccaggaagct	1140
gtgtccaagt	ccattggctg	taccctgac	actgtggcca	gcagctctgg	ggcctcaagt	1200
gcattcctgg	gattttctta	tgcgccagag	gatgatgaca	tcttgattg	ctagaagaga	1260
aggacctgtg	aaactactga	ggccagctgg	tattagtaag	gaattacctt	cagctgctag	1320
gaagagctgt	att					1333

<210> 3384

<211> 1067



```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(498)
<223> similar to gi3135264 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3384
gttccgggag ggcgctgggg cttgaggccg agaacggccc ttgctgccac caacatggag      60
actttgtacc gtgtcccgtt cttagtgtct gaatgtccca acctgaagct gaagaagccg     120
ccctggttgc acatgccgtc ggccatgact gtgtatgtct tgggtgggtgt gtcttacttc     180
ctcatcaccg gaggaataat ttatgatgtt attgttgaac ctccaagtgt cggttctatg     240
actgatgaac atgggcatca gaggccagta gctttcttgg cctacagagt aaatggacaa     300
tatattatgg aaggacttgc atccagcttc ctatttacia tgggagggtt aggtttcata     360
atcctggacc gatcgaatgc accaaatata ccaaaactca atagattcct tcttctgttc     420
attggattcg tctgtgtcct attgagtttt ttcattggta gagtattcat gagaatgaaa     480
ctgccgggct atctgatggg ttagagtgcc tttgagaaga aatcagtggg tactggattt     540
gtcctgttca atgaagtttt aaaggctgta ccaatcctct aatatgaaat gtggaaaaga     600
atgaagagca gcagtataaa aaatatctag tgaaaaaaca ggaagcgtat tgaagcttgg     660
actagaatth cttcttggtg ttaaagagac aagtttatca cagaattttt tttcctgctg     720
gcctattgct ataccaatga tgttgagtgg cattttcttt ttagtttttc attaaaatat     780
attccatata tacaactata atataaata aagtatttat tttttacaac cctcttaaca     840
ttttttggag atgacatttc tgattttcag aaattaacat aaaatccaga agcaagattc     900
cgtaagctga gaactctgga cagttgatca gctttaccta tgggtgcttg cctttaacta     960
gagtgtgtga tggtagatta ttccagatat gtatgtaaaa ctgtttcctg aacaataaga    1020
tgtatgaacg gagcagaaat aaatactttt tctaattaaa aaaaaaaa    1067

```

```

<210> 3385
<211> 1748
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1749)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1326)...(0)
<223> similar to gi4587129 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3385
gttagcaaaa taccatttta ttaagaaaaa gttggtgtcc tttgctacca aaaggaaga      60

```

aaaggggant	aaaacaaata	cgtagttact	agcaacaaaa	taagacaaac	taatcagaaa	120
tgctgtttat	tgacaagata	gggtgtcaca	aatacatcat	ttatagggag	agaggggaca	180
tgaacaagtc	ccaaaatctt	ataccttctg	cacagcaagc	ccagcagggg	atgtcctctc	240
tagagatcgg	tttatccaag	ggtaccccat	gagaagggca	gctccttgan	tgagctgcc	300
gggaagagca	tcgcacaccg	gttccgtctc	ctggggctct	ccccagggt	aatggtaaaa	360
gtctggccct	ggaaagtaaa	cgaacgtccc	ttgatgcggt	tcntttgcaa	gtcaaacctt	420
tggcaaaaaa	tagttcttgg	ccttcaattg	aggtttctcg	aatggcaagc	ctcccagagc	480
tttctgcttt	tctttcgggc	tgatccgtag	ggaaggcttg	cttgaagcca	cccggggaac	540
tttggccact	taaggaacat	gggcacgacc	tttgtcccag	gatagccccg	tcaaccaag	600
atggggctcg	atgggccatg	ttggagaaga	tttaaggcct	tttcttggga	ttcccaagaa	660
tgaactgcgc	aaaagccaag	ttcagcactg	tttcagaggc	caagtactgt	aaccggtaat	720
tccctggagg	gggcnccaat	agtttttagng	cgcncacccg	tngacctcga	gggggggccc	780
gtacccaatt	cgccctgcag	gagcatggca	gcgcgatggg	aggggaggaa	gatcgccagt	840
acagttctgc	cacggacagt	aggacactga	tcaccatttc	tgtgttcttc	agtttctgac	900
aatgaaccaa	caatttttgt	aaaagcttat	gtgcttctga	catttggttc	tgagattgta	960
atacaaccgc	tttctataa	accaccctct	atgctattga	ggagctgtga	attccctgta	1020
accaagtga	tcaagccaaa	atggatattt	gccaatcatt	tcaattgctc	tgtcaaaact	1080
gtattttttg	atcacataag	catccataac	tgggcgtgct	tgactattag	gcggaaatcg	1140
gttccttcaa	agtgttttaa	cacttcagaa	gctgcaggca	aaacagccct	gctccgcgtg	1200
taagctctgc	gagggtggcag	agtgcgacag	caaaggactc	tgtgttggtc	tgctgcacgc	1260
cccgcattcc	accgcctccc	aggctgtttc	atgctcagca	acatctgggc	ctgttgcaat	1320
gccatgggtg	tgcgggccat	acagcctcca	gatggccggt	tttctgtgcg	atgctgatat	1380
cgatgagctc	tgacaggctg	tgtttccagt	gcaggaggct	ggagtccttt	agggcatcca	1440
tcagcttggt	tgccgtcttc	ccagcaaaaag	ctctcggtaa	cccaaatgt	actgccttct	1500
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agctcaaaca	gtgctggaga	cacacgtgat	cgttggactc	ctgggcaatc	ctaattgcct	1620
cctgcagggc	gagctctgcc	tgttgatagt	gaccgaagcg	gcagtgcagg	gcggcaagat	1680
tcagagcggc	gtatctcaag	ctccggccat	agccctcttc	cccattactt	ttgcttcgga	1740
cgcggtggg						1748

<210> 3386

<211> 3032

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(642)

<223> similar to gi5410355 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3386

ggcacgagga	ttcgaggagt	agtgtatatt	tttattggag	tatttcttgc	attagtgtta	60
aatttacttc	agattcagag	aaatgtgacg	ctctttccac	ctgatgtgat	tgcaagcatc	120
ttttcttctg	catggtgggt	acccccatgc	tgtggcacgg	cttctgctgt	gattgggtta	180
ttatacccct	gcattgacag	acatctagga	gaaccacata	aatttaaaaag	agagtgggtcc	240
agtgtaatgc	ggtgtgtagc	agtctttgtt	ggtataaata	atgccagtgc	taaagtggat	300
ttcgataaca	acatacagtt	gtctctcaca	ctggctgcac	tatccattgg	actgtgggtg	360
acttttgata	gatctagaag	tgggtttggc	cttggagtag	gaattgcctt	cttggcaact	420
gtggtcactc	aactgtctagt	atataatggt	gtttaccaat	atacatctcc	agatttcctc	480

tatgttcggtt	cttgggttacc	atgtatatatt	tttgctggag	gcataacaat	gggaaacatt	540
ggtcggacaa	ctggcaatgt	acgaatgtaa	agttatcgca	gaaaaaatcc	catcaggaat	600
gaagaaggca	aaaaatatct	tttgtacaga	aaagcaagat	gaaaaggatg	tgaaatggta	660
gataaccaa	caaaacttca	gactgtaaaa	ttgccaggat	gcagttttcc	ccttgattgg	720
ccgtgtgtgt	atatatggaa	taaatatata	tatacacaca	cacatattac	tgcaatcctg	780
tgattgcttc	atctgtaaat	cagttgtaaa	cctttacata	tttgacttaa	ataactgtaa	840
gatatatatg	tactacatta	aaaagtgttg	attaatagat	gaaattttta	aattaatttt	900
ttaaaacatg	ccatacattg	tatcacaaatg	ttaatgtgcc	aagatattgt	tcctgtcatg	960
cagagtataa	gaatgctttg	aacaattttgt	agacttagtg	aaataaaaata	agaggaaaagc	1020
caaaaacaaa	caaacaaaaa	gcatatgggg	agctgggtatt	ttctcttttag	cttactgttg	1080
tgctttttta	tttttctaata	cacagcagta	tgagttatga	gtgccctaata	ttgtgggttag	1140
tttctaattt	aatgttggtt	catagagttt	ggagtgtttt	gatacagggt	gaaaatgaac	1200
ttctgggttc	aaacctgcgt	tactggagac	agcccaaaga	gtaattttct	gttttgacag	1260
gttttactgg	aagtatatgt	gatgagcaga	agaggttatc	agcattaaat	tgttttgggt	1320
ctaaatttgg	aacagtatat	ataattaaaa	gtaaggaaaca	ttagaggatt	taattagaat	1380
aaatacatgt	tttggaataa	cagtgcacct	ttgcagtgtc	acaaaagtgc	aaagtgatat	1440
tagctgtcat	ctgcaataca	gaatctcatt	gcttttgcac	atggagcata	taggaaactc	1500
caaacagatc	acaatgaggg	tttctaaatc	tgttgggggt	ctgtcttctt	attgggggtc	1560
tgtgaaggca	aacctactgt	ggcttttagct	gggggttcagt	catatggact	tcgttgggtg	1620
gggatggcct	agggtttttc	atcttacatg	cagtcttggg	gggtgggatg	aatacataat	1680
ttcttatgta	ttcgtgtatc	cattagttaa	tagttcaagt	ctgtttaaga	gtgtattgag	1740
atggcattct	ctgcatgtta	aagatcttaa	tggcaaccag	cacctcttaa	gtatggttta	1800
aacatattct	tagctaattt	tttccattag	tttttgaaat	tgggtggcagt	tgtctgatcc	1860
acaagggcaa	gatcttctga	gtactctggg	gtgtgagtat	gtgtgcacac	gtgtgtgttg	1920
gagtgaagtga	gagaatgtgt	ctgtgcatgt	ggccatgctt	tcctagaatg	tcaagtagat	1980
atttttacac	tttgagtttt	aaagcaatta	ctatcagact	gagatcttgt	atgccaaact	2040
ttaatctgct	tttatgtttt	caggctgaag	gtgtgaaaat	cctaagagga	tttcatattg	2100
aatatgtgta	cacaatctta	actatcgtgg	tggaaaacat	actactataa	tttattatta	2160
tatcttccag	ataatgttat	tcattttagaa	caaataaggt	atatttttta	gaatcaactt	2220
tgtaagcact	ataaaatctt	taataagtta	taaggtctat	gatgtgttta	ctttaaaaat	2280
tgctgttaaa	agcaacacgt	attaaatatg	taattatcat	ctgggttaag	agtctgtttt	2340
tcttctttgt	ggtaagtctt	agaatatggg	actgtggatt	aatctaata	aattaacata	2400
tgtggttgaa	gttaccaaga	aacgatgaaa	agaaactaaa	tatagttgac	ccttgaacaa	2460
caggagttag	gggcaccact	ccccaacata	gttgaaaatc	catgtataac	ttttgactcc	2520
tccaaaactt	aactactaat	agcctactct	tgatgggaag	ccttaccat	aagaaacagt	2580
tgatgaacac	atattgtgta	tggatatatg	attatatact	gttttcttac	aatagtgtaa	2640
gctaaggaaa	agaaaatgtg	tttactcttc	attcagtgga	agtggaccat	cctaaaagtc	2700
ttcactcatg	ctatcttcat	gctgagtagt	aggctgagga	ggaggaggag	ggttggtctt	2760
gctgttgagg	gggtggaaga	agatgtgcat	tattagtggg	cccacacagc	tgaaaaccat	2820
gctgttcaag	gggtcaactgt	gtgtgggtatc	gggtgagactg	aatgattatc	gttgggtgttc	2880
ttaaattatt	ttcaggctct	ctagaaaata	tgataattat	agcaaaaaat	atgattgttt	2940
tgaaattttg	ataaatatat	aaatgtatag	aacctattgt	tttcaatgat	agaaaatggg	3000
aaacattttt	taacattgct	agattggcag	tg			3032

<210> 3387

<211> 1217

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1210)...(0)

<223> similar to gi4886481 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3387
tttttttttt ttctaaatga agtgctttta attttcagac caaacatttt taatataaaa      60
acattttgat aatatacaaa cagcaatcac aacagcatcc acatggcagc aaggggacca      120
gggcacagag agggggagcg ggctggggag ggacagtttt cagggtecca gttgcttccc      180
tggcttgaaa tcaccctggt cctagcagag gacaggttaa ggctgccaga ggcagagggt      240
ccctgacctt ggcccggaga cagactgccc aggcaggccc tctgatacca tcttccaacc      300
atggcagcct ccaggaaaag ccagatccat ttaggagata acaggaaggt ggctgtgatt      360
gacaggaaag gcaacatggt tcctcagcat cctgctgac acacctctgg gaggggctgc      420
tggattgaag aggacctaa aatcttcctg ggagcaggac agaaatggga tctaagtcta      480
cctactaact aacattcccg cctgtgacac cagaaagctg gagtgggtct gctcagatgt      540
acaggaagag aaaggaatga caaagccttt ggctcagcag gactggagcc ttgacaggca      600
ctgaccaaga aagcctctag gtggggcagg gaggtctgtg ggaaagcttt ggatcaatgg      660
tactcaaggg tgcacagtgg cactagtggc ttagttagaa tttatgaaga cgaaaagaac      720
acaagtcaga atttagaact gaagtacctg cttcttatag gcctgtagag gaaaagcgag      780
atcatccttc tggccaggac taggggagac ccaaggcctg ttctttccta ggggctgagt      840
ttgacagacc tggattgcag ctgatggctc caacagtcct ctagatgggc cctgcaggac      900
tcgctgggag gcctggttgc ccctccccgg cgtgctggga cactctgggt tcctgcagtt      960
agatgcagtc catggagttc tcagggagga ggccagggat gcagccaggg agccccaagc     1020
ccttgatagg agtgcagttg agtgggaggc cgcagcccag ggaggggtcc tgggtctcta     1080
tggcctccag cctgtccatg ttgttgtccc agttgatatg gaagcgggtc acccgggggt     1140
tcgaggccaa gatgttcgcg tggagctggg agaaatctgg cttcatgggc gggttctcac     1200
gcagctcagc tcgtgcc                                     1217

```

<210> 3388

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1273)...(430)

<223> similar to gil397235 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3388
tttttttttc atagtccata gtttattaca aatgcatatt atccaactca gtagaaatcc      60
atgtacccca gaatgtacag aaggtatgca atgttccaga gtgtcattgt cagctctggt      120
tttatatata tattaaatat atacatattt tgagacaggg tctcgctgtc acccaggctg      180
gagtgcagtg gcacaatctc agctcactgc aacctctgcc tcccagcctc aagagatcct      240
cccacctcat ccttctgagt agctgggact acatgcgcat gccaccacac ccagctatta      300
tttttatttc tttttgtaga gacaagggct cactatgttt ctgaggctgg tcttgaactc      360
ctggtctcaa gtgacccctc tgccttgccc tcccaaagtg ctggaattat aggcattgagc      420
cactgagcct ggcttgatta tctgtttttt gaatagtgac cctaattgtgc ttttccagtt      480
ccagtaactt ttgataaaat ttttcagcag tgtcttcac taggtccac tctgggtca      540
taatataatt tcttccaaag ccagtgggtg cactcagata tttgatcaga ggattgagag      600

```

attcaggcctt	ttggtggaaa	agccatacca	gagcttctgt	tccattatat	gggtgtcaaag	660
tgaatgcatt	tgcaaaaaag	cgaagtagca	atattgccgg	catcaacagc	gtccatataa	720
acggaggcag	aattccatat	gtcaaattgg	tcaatgctgt	acctggacag	gccacattgg	780
aatagagacc	ctgctgggtg	aagttcctgt	tcaaagccac	actcaaaagg	tcagtggcat	840
atttgaaga	gctgtagggt	tccttgccct	tgctgtgctg	gaagtcctcg	aggctgaaat	900
tagatttcct	tgcattgcga	gatgatgtcc	agatgagctg	agatggattg	tcactgtgac	960
agaggagagg	ctccagttcc	cgaatcagga	taaaatggcc	aaagacattg	gtctcaaaca	1020
cctcctgaag	tccatcagca	gtgatcttat	caccctgggt	cagcaggcct	tcagcttgaa	1080
aagaggccaa	agaaaagtgc	tttgatattt	agttgtggat	taggcatgat	cccagcattt	1140
agatatatac	agtctaattc	ctgaaacctt	tgcttaagtt	ccttggaggc	ccggaagacc	1200
gactgcaggt	tgctgacatc	cacctggaca	atggtgacct	cagcagtggt	gtgagaggcc	1260
agcagagcag	cac					1273

<210> 3389

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (348)...(130)

<223> similar to gi1333929 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3389

ggcagcaggc	tcctcacctt	gggctggacg	gggttggcac	taacggggaa	ctttccccag	60
aacatggcca	agctccagga	tgggggtgat	gaggggaagga	aggccagtga	ggagaggagt	120
gaggaagagg	acagctgcga	gtcagggtgt	gagagcactt	ggaggggctg	agaggacatg	180
ggctgggagt	gaatgcatgt	gcacatacac	acacacacct	ctccagcata	tgtacacatg	240
cacacacaca	cctctccagc	atatgtacac	atgcacacac	acctctccag	catatgtaca	300
catgcacaca	cacacctctc	cagcatatgt	acacatgcac	acacac		346

<210> 3390

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(1121)

<223> similar to gi3041847 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3390

ggcagcagga	caagttccgc	ggactggagc	tcagcagaca	atgtactaga	tgggtgcctcg	60
ctcgtgcccc	agggttcac	caaagtcaag	aggcgagtc	gcattcccaa	caagcccaac	120
tacagcctta	acctctggag	catcatgaag	aactgcacg	gccgggagct	ctccaggatc	180
cccatgccgg	tgaacttcaa	tgagcccctg	tccatgctcc	agcggctgac	agaggacctg	240
gagtaccacc	acctgctgga	caaggcagtg	cactgcacca	gctcagtgga	gcagatgtgc	300
ctgggtggccg	ccttctctgt	gtcctcctac	tccaccacag	tgcaccgcat	cgccaagccc	360
ttcaacccca	tgctggggga	gaccttcgag	ctggaccgcc	tcgacgacat	gggcctgcgc	420
tccctctgtg	agcaggtgag	ccaccacccc	ccctcagctg	cgcactacgt	gttctccaag	480
catggctgga	gcctctggca	ggagatcacc	atctccagca	agttccgggg	aaaatacatc	540
tccatcatgc	cgctaggtgc	catccactta	gaattccagg	ccagtgggaa	tcactacgtg	600
tgagggaaga	gcacctcaac	tggtcacaac	atcatcgtgg	gcaagctctg	ggatcgacca	660
gtcaggggac	atcgagattg	tgaaccataa	gaccaatgac	cgggtgccagc	tgaagttcct	720
gccctacagc	tacttctcca	aagagggcag	cccgggaaggt	gacaggggtg	gtgagtgaca	780
gccagggcaa	ggcccattac	gtgctgtccg	gctcgtggga	tgaacaaatg	gagtgtctca	840
aggctcatgca	tagcagtcct	agcagcccca	gctctgacgg	gaagcagaag	acagtgtacc	900
agaccctgtc	agccaagctg	ctgtggaaga	agtaccgcgt	gccggagaac	gcggaagaaca	960
tgtactactt	ctcagagctg	gccctgaccc	tcaacgagca	cgaggagggc	gtagcgccaa	1020
ccgacagccg	cctgcggccc	gaccagcggc	tgatggagaa	gggccgttgg	gacgaggcca	1080
ataccgagaa	gcagcggctg	gaggagaagc	agcgcctg			1118

<210> 3391

<211> 1769

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1)...(616)

<223> similar to gi4894362 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3391

aagcagagat	cagcacttaa	taggcattgc	atggtccaca	caggagagaa	accgtacaga	60
tgtgagcagt	gtggaaaagg	ctttattggg	aggctagatt	tttataagca	tcaggtgggc	120
cacacaggag	agaaaccata	taattgtaaa	gaatgtggga	agagcttcag	atggctctca	180
tgccctttga	accatcagcg	agtccacagt	ggagaaaaaa	gcttcaaagt	tgaagaatgt	240
gggaagggat	tttatacaaa	ttcacaactg	tcttcccatc	agagatccca	cagtggtgaa	300
aagccatata	aatgtgagga	gtgtgggaag	ggctatgtta	ctaagttaa	tcttgacttg	360
caccagaggg	tccacacggg	agagagacct	tataattgta	aggaatgtgg	ggaagaactt	420
tatccggggc	tcaagtattt	tgaatcataa	gagactccac	tgccagaaaa	aaccattcaa	480
atgtgaggac	tgtggaaaga	ggcttgata	caggacatac	cgtaaagacc	agccgagaga	540
ctatagtggg	gaaaacccat	ccaaatgtga	ggattgtggg	agacgctaca	agaggcgctt	600
gaatctggat	atacttttat	cattatttct	aaatgacaca	taattgttca	tatttatggg	660
gtacaacgtg	ctattttaat	gtgtgcatac	aatttatagt	gatccaatca	gtgtaattgg	720
tgtatctgtt	acctcaaaca	tttaccattt	ctttgtgttg	gaaaattcaa	aatccatttg	780
agaggagttg	gtagacagca	aggggaaggg	ccctggagac	ccccagccaa	aggggtcagt	840
gtctcatccc	cacataaac	aaaaagcagc	ctgggggaaga	caatcaagct	acaggcactg	900
ataaggggaac	tagcacaggg	gattgtgcct	ggagacatgc	ccatgcctgc	acagatagaa	960
gaacctccag	cccattcagg	taaaaactcg	cacaaacctc	cggctcactc	agttaaggga	1020

acaagaccag	acacagaaat	gcctttgtcc	tttgtataat	cagcaggctc	cgaggaaaaa	1080
gtttcttctt	ttgtgggcat	gaacacagtg	ggcttcagta	ggttcagggt	ggcactttct	1140
tttgtggaaa	aggaaaagcc	cagcctctgt	aaatcatcac	ttcaactcct	gattgggtccc	1200
gggccaaagct	gaatagccct	tatgaatcat	cacttcgggt	cctgattggg	cccgggccaa	1260
gggtcccagac	caagctgaat	cacgctttct	ccaagacagc	ccgcaggcta	agtgcattcc	1320
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tcacccttgt	gtctgtgctt	cttaatcata	ttggacgtga	gattaagaac	tccgggggat	1500
acatcacaag	agagactggt	acagtgtggt	gcatttgtga	gactacaaca	catttttagc	1560
aatttgtaaa	taattgttga	tgatagtcac	ctttagtgtc	gcagaacagt	agaacttatt	1620
cttccccctc	acctcttttg	tatctgttgg	ccaacctttg	gccatctcac	ctacctccta	1680
cacttccttg	cctgtctaca	tccacgtggt	ctactctcta	ctacaaaatc	aacttttttt	1740
aacttgccct	cgtgccaaag	ttggcgtaa				1769

<210> 3392

<211> 2773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2774)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (66)...(2332)

<223> similar to gi3880563 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3392

gcggccgcaa	gaaggccaca	ggcagccccc	tgtccatctt	cgtctatgat	gtgaagcctg	60
gcgcggaaga	gcagaccag	gtggccaaag	ctgccttcaa	gcgcttcaaa	actctacggc	120
acccaacat	cctggettac	atcgatggac	tggagacaga	aaaatgcctc	cacgtcgtga	180
cagaggctgt	gaccccgttg	ggaatatacc	tcaaggcgag	agtggagggt	gggtggcctga	240
aggagctgga	gatctcctgg	gggtacacc	agatcgtgaa	agccctcagc	ttcctgggtca	300
acgactgcag	cctcatccac	aacaatgtct	gcatggccgc	cgtgttcgtg	gaccgagctg	360
gcgagtggaa	gcttgggggc	ctggactaca	tgtattcggc	ccagggcaac	gggtgggggac	420
ctccccgcaa	ggggatcccc	gagcttgagc	agtatgacct	cccggagtgt	gctgacagca	480
gtggcagagt	ggtcagagag	aagcggtcag	cagacatgtg	gcgcttgggc	tgcctcattt	540
gggaagtctt	caatgggccc	ctacctcggt	cagcagccct	acgcaaccct	gggaagatcc	600
ccaaaacgct	ggtgccccat	tactgtgagc	tgggtgggagc	aaacccaag	gtgcgtccca	660
acccagcccc	cttctgcag	aactgccggg	cacctgggtg	cttcatgagc	aaccgctttg	720
tagaaaccaa	cctcttctctg	gaggagattc	agatcaaaga	gccagccgag	aagcaaaaat	780
tcttccagga	gctgagcaag	agcctggacg	cattccctga	ggatttctgt	cggcacaagg	840
tgctgcccc	gctgctgacc	gccttcgagt	tgggcaatgc	tggggccgtt	gtcctcacgc	900
ccctcttcaa	gggtgggcaag	ttcctgagcg	ctgaggagta	tcagcagaag	atcatccctg	960
tggtggtcaa	gatgttctca	tccactgacc	gggccatgcg	catccgcctc	ctgcagcaga	1020
tggagcagtt	catccagtac	cttgacgagc	caacagtcaa	cacccagatc	ttccccacg	1080
tcgtagatgg	cttctgggac	accaaccctg	ccatccggga	gcagacgggc	aagtcctatgc	1140

tgctcctggc	cccaaagctg	aacgaggcca	acctcaatgt	ggagctgatg	aagcactttg	1200
cacggctaca	ggccaaggat	gaacagggcc	ccatccgctg	caacaccaca	gtctgcctgg	1260
gcaaaatcgg	ctcctacctc	agtgttagca	ccagacacag	ggtccttacc	tctgccttca	1320
gccgagccac	tagggaccgc	tttgcaccgt	cccgggttgc	gggtgtcctg	ggctttgtctg	1380
ccaccacaa	cctctactca	atgaacgact	gtgccagaa	gacctgcct	gtgctctgcg	1440
gtctcactgt	agatcctgag	aaatccgtgc	gagaccaggc	cttcaaggcc	attcggagct	1500
tcctgtccaa	attggagtct	gtgtcggagg	acccgaccca	gctggaggaa	gtggagaagg	1560
atgtccatgc	agcctccagc	cctggcatgg	gaggagccgc	agctagctgg	gcaggctggg	1620
ccgtgaccgg	ggtctcctca	ctcacctcca	agctgatccg	ttcgaccca	accactgccc	1680
caacagaaac	caacattccc	caaagaccca	cgcctgaagg	agttcctgcc	ccagcccca	1740
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acacagcaga	ggacagcagc	actgctgaca	gatgggacga	cgaagactgg	ggcagcctgg	1860
agcaggaggc	cgagtctgtg	ctggcccagc	aggacgactg	gagcaccggg	ggccaagtga	1920
gccgtgctag	tcaggtcagc	aactccgacc	acaaatcctc	caaatcccca	gagtcgact	1980
ggagcagctg	ggaagctgag	ggctcctggg	aacagggtctg	gcaggagcca	agctcccagg	2040
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gcgacaagg	cgaccccttc	gctaccctgt	ctgcacgtcc	cagcaccag	ccgaggccag	2160
actcttgggg	tgaggacaac	tgggagggcc	tcgagactga	cagtcgacag	gtcaaggctg	2220
agctggcccg	gaagaagcgc	gaggagcggc	ggcgggagat	ggaggccaaa	cgcgccgaga	2280
ggaaggtggc	caaggggccc	atgaagctgg	gagcccggaa	gctggactga	accgtggcgg	2340
tggcccttcc	cggctgcgga	gagcccgccc	cacagatgta	tttattgtac	aaaccatgtg	2400
agcccgcccg	gcccagccag	gccatctcac	gtgtacataa	tcagagccac	aataaattct	2460
atttcacacc	ccttgtgccg	ggctcagctt	agcccttggg	aggcggctgg	ggtctggcgc	2520
cgccttgcgc	agcccgcgcc	cacgtcagac	gtgaacatca	atttgcttcg	aaagccaagg	2580
gtaaagaggc	acgatctgat	ttatcagttt	ctagggaac	accctttggg	agggaaggca	2640
ggcagcggcc	gccggnagga	cctttacaac	cggcccgcta	acctggggag	gggggccggg	2700
agggcgccct	gggtctcaag	gcgcctggga	gggtctagcg	gccctgaagg	tcccttggtc	2760
cgagccacag	tcg					2773

<210> 3393

<211> 2108

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (459)...(1694)

<223> similar to gi3043548 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3393

tttcgtcggg	tgcactcttc	ctatagccca	gagggcgaga	gggcctgtgg	cctgggggaa	60
ggaggacgag	gttctgcctg	gatcccagca	gtaggacgct	gtgccatttg	ggaacaaagg	120
aatagtctgc	ctggaatccc	tgcagatctt	ggggccggag	gccagtccaa	cccttgaggc	180
aggaagaaac	gcaaagtgtg	caagaaccaa	gtcgagctgc	ctcagagccg	gcccgcagta	240
gctgcagact	ccgcccgcga	cgtgtgcgcg	cttctctggg	ccagagcgag	cctgttttgt	300
gctcgggtta	agagatttgt	cccagctata	ccatggggccg	cactcgggaa	gctggctgcg	360
tggccgctgg	tgtggttatc	ggggctggtg	cctgctactg	tgtatacaga	ctggcttggg	420
gaagagacga	gaacgagaaa	atctgggacg	aagacgagga	gtctacggac	acctcagaga	480
ttggggttga	gactgtgaaa	ggagctaaaa	ctaacgctgg	ggcaggggtc	ggggccaaac	540



ttcaggggtga	ttcagaggtc	aagcctgagg	tgagtttggg	actcgaggat	tgtccgggtg	600
taaaagagaa	ggcccattca	ggatcccaca	gcgagggtgg	tctagaggcc	aaggccaagg	660
cccttttcaa	cacgctgaag	gaacaggcaa	gtgcaaaggc	aggcaaaggg	gctaggggtg	720
gtaccatctc	tgggaacagg	acccttgcac	cgagtttacc	ctgcccagga	ggcaggggtg	780
gaggctgcca	ccccaccagg	agtggatcta	gggccggggg	cagggcaagt	ggaaaatcca	840
agggaaaagg	ccgaagtaag	agcaccaggg	ctccagctac	aacatggcct	gtccggagag	900
gcaagttcaa	ctttccttat	aaaattgatg	atattctgag	tgctcccgc	ctccaaaagg	960
tcctcaacat	cctggagcga	acaaatgata	cttttattca	agaagtagcc	ttggtcactc	1020
tgggtaacaa	tgcagcatat	tcattttaacc	agaatgccat	acgtgaattg	ggtggtgtcc	1080
caattattgc	aaaactgata	aaaacaaaag	accccataat	tagggaaaag	acttacaatg	1140
cccttaataa	cttgagtgtg	aacgcagaaa	atcagggcaa	gattaagacg	tacatcagtc	1200
aagtgtgtga	tgacaccatg	gtctgtcgct	tggactcagc	tgtgcagatg	gctgggctaa	1260
gactgttaac	caacatgact	gtgactaatc	attaccaaca	tttgctttcc	tattcttttc	1320
cagacttttt	tgtttgttta	ttcctgggaa	atcacttcac	caagatacag	attatgaaac	1380
taattataaa	ctttactgaa	aatccagcca	tgacaagaga	gctggtcagt	tgtaaagtac	1440
catcagaatt	gatttccttc	tttaataaag	aatgggatag	agagattcct	cttaatatcc	1500
ttaccctatt	tgagaatata	aatgacaaca	taaaaaatga	agggctcgca	tcacccagga	1560
agaatttcag	cagaagttca	ctttttttct	tattcaaaga	gtctggagtt	tgtgttaaga	1620
aatcaaaagc	actagcaa	cacaatgata	tgggtggtgaa	agtaaaagtc	ctgaaagtat	1680
taaccaaaact	ctaatttggg	gtctgtccca	aacaatattg	agatatttgc	agttggtacg	1740
atgtgatttg	taaattcctt	gtttttcatt	gtgcgtatat	ggtaaagaga	tcttttcagc	1800
tgctattttg	gaataatgac	tatcatatat	cataacagtg	actgatgttg	gttgtaattg	1860
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agaaagaatt	tattgatttg	atcttattac	ctagattgag	atttttta	ctttcctcta	1980
cctaaactga	caatgaattg	gttatacatc	atgcataagc	taccctttta	tattagttta	2040
tatttgttat	tttaaaactt	gtgtttcatc	aataaagttg	tgttttaagc	agcagaaaaa	2100
aaaaaaaa						2108

<210> 3394

<211> 1137

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1134)...(427)

<223> similar to gi3882211 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3394

ttttttaaac	tagtacacac	ttaggtgcaa	acctcggttt	attacgttct	ttggttaaat	60
attgtttcta	catcctttca	gagcattagg	agaacaaaga	taatatttga	tagaaagact	120
gaaaacacaa	tcctttgctt	ttcagagaaa	agactgaatt	tacactggta	ctgttagaaa	180
ttcttataat	taggctagac	gtctatttta	gagaaagtta	gggcttttgc	tgttgcttgt	240
atgttttgaa	aaatacatc	ccctggggct	agccaacatc	actgtcctga	gaccagacc	300
ttcagggagt	ctcttgataa	aggctgctcc	gcacatgggt	caggaaaagt	cggggtcagc	360
tccatcatgt	ccgaggactg	catgggttca	gtgttgccca	tcactgcggc	aacggcttct	420
gcccaccatc	tctttctgga	atacagacag	attttgggtg	aaacctgtct	ctgttcttga	480
cggacagggt	ctgctccact	ccttccatta	ggtttctgaa	gcactgggca	aggacctcct	540
gcttggggag	gggctggctg	tttatcaaac	ttgctctcag	ttcactgaaa	tacttctcat	600

tgagcaggat	gagccccagg	agaggcctgg	atactgacca	ctgggtccga	cagtcttcaa	660
agacaatggt	gttcatgagg	acagacatca	tctgctgcag	gacatctggg	ttttgctgca	720
taaaatgtaa	tagtctctga	ccagcctggg	tagcctctct	gccatcgaag	tggccttctt	780
gcccctcttt	tgctatgtgc	ttgaagaggt	aggtgacgat	gtagtctaaa	ctggtacagc	840
agctggagga	gacaactgta	tcaagagtag	tgagtccctc	tgagatagat	gtgagaacat	900
acatgagtac	aggaggctct	aagttgatga	tgaagctcat	atggtcctga	gtgagacatt	960
ccaggagtgg	ataataagac	tggtcagtt	tccggtattg	tagcaagtca	ctgtgggaca	1020
ctgacagcag	cattttgaca	aaagcctgga	gtacattgtc	aaaatggttg	tccccataca	1080
acttgaagac	gccaaagctg	acataatttc	cacacaaggc	agacttgagc	tcgtgcc	1137

<210> 3395

<211> 2457

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (51)...(1573)

<223> similar to gi530823 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3395

agcgccgca	gacctgaag	ggacaccagg	agaagattcg	gcagcggcag	tccatcctgc	60
ctcctcccca	gggcccggcg	cccatccct	tccagcaccg	cggcggggat	tccccggagg	120
ccaagaatcg	cgtgggcccg	caggtgccac	tcagcgagcc	aggtttccgc	cgtcgggagt	180
cgcaggagga	gccgcgggcc	gtgctggctc	agaagataga	gaaggagacg	caaatcctca	240
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tcaagcagct	gaaccagcgg	aaaaagggga	agaagaaggg	caagaaggcg	ccagcagagg	360
gcgtcctcac	actgcgggca	cggccccccc	tctgagggcg	agttcatcga	ctgcttccag	420
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gccgcggagc	tcgtgcactt	cctcttcggg	cctctggacc	tgatcgtcaa	cacctgcagt	540
ggcccagaca	tcgcacgctc	cgtctcctgc	ccactgctct	cccagatgc	cgtggacttc	600
ctgcgcggcc	acctggtccc	taaggagatg	tcgctgtggg	agtcactggg	agagagctgg	660
atgcggcccc	gttccgagtg	gccgcgggag	ccacaggtgc	ccctctacgt	gcccaggttc	720
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tccccacata	ctcacagggg	ctaccagcca	acaccagcca	tggccaagta	cgtcaagatc	960
ctgtatgact	tcacagcccc	aaatgccaac	gagctatcgg	tgctcaagga	tgaggtccta	1020
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tacgtgccct	gcaacatcct	aggcgaggcg	cgaccggagg	acgccggcgc	cccgttcgag	1140
caggccggtc	agaagtactg	gggccccgcc	agccccgacc	acaagctacc	cccaagcttc	1200
ccggggaaca	aagacgagct	catgcagcac	atggacgagg	tcaacgacga	gctcatccgg	1260
aaaatcagca	acatcagggc	gcagccacag	aggcacttcc	gcgtggagcg	cagccagccc	1320
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ctcatgaaca	agtttcatc	catgaatcag	aggagggggg	aggacagcta	ggcccagctg	1620
ccttgggctg	gggcctgcgg	aggggaagcc	caccacaat	gcatggagta	ttatttttat	1680

atgtgtatgt	atdddgtatc	aaggacacgg	aggggggtgtg	gtgctggcta	gaggtccctg	1740
cccctgtctg	gaggcacaac	gcccacccctt	aggccaaaca	gtacccaagg	cctcagccca	1800
caccaagact	aatctcagcc	aaacctgctg	cttggtgggtg	ccagcccctt	gtccaccttc	1860
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agttaagtct	caaaaaaaaa	aaaaaggggg	ggcgttttta	aagaaccctt	ggggggggccc	2400
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<210> 3396

<211> 3398

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3399)...(700)

<223> similar to gi2252820 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3396

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<210> 3397

<211> 1372

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1373)...(13)

<223> similar to gi3341990 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3397

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cattcgatgg	taccgcgttt	tctttcaata	attctttaaa	agcttgcttt	gcctcttctc	180
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taaaatcagc	tacagtttct	tgcttagatg	tttcttctcc	agtattactg	gatacttcca	300
cactttgatc	ctgaatagca	ggggtactag	taagttgtgc	ttgttcctca	gttgaaatag	360
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acaatctccg	ctcccgtcc	ccaggaccct	gcgaggggag	atggctctcc	atttcaactca	1320
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<210> 3398

<211> 6305

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6306)...(269)

<223> similar to gil504030 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3398

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cataatttag	aaagaaacta	atctataaaa	tgagacaat	tctccccaat	tcctctctct	240
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tgtccagaag	tttcttttgt	agtgattctc	caaaagcggt	gattgcatca	gcctgaagct	420
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gccat						6305

<210> 3399

<211> 2290

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2291)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2284)...(430)

<223> similar to gi29865 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3399

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tcatgtagat	aactttacat	ttctttcaat	aactttattc	tttacaaaat	atacaataa	180
attaaanaaa	acaattcaac	ttttaaaagg	gattacccat	atgcaagaag	aaggatttgc	240
tatcacccat	tctaaattcc	cccaatgcat	tcatttctctg	ttcccttatac	tttcaactct	300
agtggcaaa	taagactga	attgaaatta	agctggcact	acaacatcat	taccagggat	360
agacacataa	acaaagtcac	ttccaaataa	ggaatgctgg	atctccagag	aagtgaacaa	420
gaggagtcta	ctgagttttg	cactcaggca	catccttgcc	tgaggaggcg	tgcccaagga	480
cctggctgag	aatccacact	ctctgctcct	gcatttttga	cctctggaca	aaggcctaaa	540
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cgaattccgc						2290

<210> 3400

<211> 5221

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5222)...(2576)

<223> similar to gi3043712 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



<400> 3400

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<210> 3401

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (253)...(11)

<223> similar to gi4567174 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3401

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gatgggatct	gaggcggggc	tgggaagagg	tactgttg	caaacacgct	ctgggtcca	180
ggcacgggat	gggattgtgg	gcgccccaaa	agaggctttt	gtcgccacgc	tgacaagaat	240
ctgggggggc	cccagacggg	ccaagatct	ctttggtgct	gtactagcaa	aaatctacta	300

<210> 3402  
 <211> 3542  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3543)'...(1622)  
 <223> similar to gil469888 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3402  
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<210> 3403

<211> 1750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1751)

<223> n = a,t,c or-g

<220>

<221> misc\_feature

<222> (1752)...(1407)

<223> similar to gi3925215 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3403

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catcccaatg	gaaaaaaatc	acactaagaa	taaaacactt	acagaacggc	aagaaaactg	180
ggttaacata	taaatttgtg	tctgttgaaa	ccagagtaca	tgctagaaaa	cattaacaca	240
gatacgacag	agtgtggttt	ttttttagaa	atgggttaatt	tctctctcca	gtatcctttc	300
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aatcccagag	gtgccattta	gcagtatgca	gcagcccagt	ttcagcataa	caaaacatgc	420
cttggttagtg	gctctctcat	gcaaataaaa	gaaagcttaa	gaaattcttg	ttgtagggtg	480

attaggcaag	gctgccattc	agctgggtata	agctaaaagt	aaaaaatcaa	aacgctcaag	540
aaaacggaca	caatttttga	atgattaaag	atgtctttat	aaagtttttt	tcaagacttc	600
attctaaata	cacagaataa	aaaatggtgt	cagctcactt	gtaagacacc	aaccagattt	660
tccttatact	gtctcaaaat	ttaaagatca	atttccccag	agggtgtgca	atgcatcata	720
aataggccct	tttttgagga	tgggagagga	agggttgggc	aggatggaat	attaaattgt	780
aacatgataa	acatgcaaga	ctgttatcca	atctagataa	tttatataca	ttttgatgac	840
ttaggaaaac	aaagcaatca	tttgtgacaa	gcctaaaaag	cttgacatat	ttaacatact	900
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aacaaacaga	aggccagtct	gttgcaagtt	tgctgctgaa	catcacattc	caccctaaga	1020
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aaccgctgct	ggattcgttt	ggcataaact	tgtgccatgg	agttaatgat	agataggatg	1320
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tgtgggtgtg	ccatttcgct	tttgtggtga	agcttctgcc	gttgagcctc	caggtaactc	1440
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tgctccacta	tgtgcttgct	gaatgttatt	ataacaaaaa	ttttctggat	atgcattttt	1560
attattgctt	ttccaattag	gttgaccaa	gaggtccaac	caatcaacaa	ncaagngttt	1620
tgaccccatg	aaatgtgtcc	acacgttatt	ccagccagat	caaataaagg	atttggcaat	1680
tgaagcacag	gccaaaattc	caaaaaatcc	aactttctgt	actagttttt	gaactgccag	1740
tttgcccg						1750

<210> 3404

<211> 2487

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2488)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2488)...(186)

<223> similar to gi36122 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3404

tttttttttt	ttactatcta	caaaaattta	ttatatattt	acagaagaaa	agcatgcata	60
tcattaaaca	aataaaaatac	tttttatcac	aacacagtac	atatttgtca	tttttaaaaa	120
gccacacaat	agaaacaaga	caccaagata	tttaattatc	ttgttgactc	ctgtaaaata	180
gctaaacact	catcattcgc	ggtgcaatac	tcatagacat	aagttcctga	aacaatagtt	240
tgcattcgta	aggcattcgc	accaaagaaa	tctgggtttt	attgcccag	cccctgcatt	300
catatgtatg	ggtcctggtg	ttggcaatcg	ccattattcc	acaaagattg	caaacatgaa	360
cctgatatgg	atctgatgcc	tcaaacaatc	tttcccttaa	aaactgggct	gctccatggg	420
caatctgaca	atctcggtcc	atttctccaa	aacgcaggcc	accatcacga	gatctaccct	480
ccatgggctg	tctattgagg	atctgaatag	gtcccctagc	acgagagtga	atcttatcat	540
ccaccatatg	cttcaaacgc	tggtaataag	tggggccaat	aaatatttgt	gatgtgattt	600

ttcgaccagt	gaacccattg	tacaggacct	catttcctct	gagatgatag	ccataatcag	660
ataaaagatt	agaaatcttc	tgcacgttaa	cagcatcatt	aaatggagt	gcacaccaa	720
tttcaccctt	gtagccgat	accttcctt	gaaggcattc	aattaagtga	ccaatagtca	780
tacgagaggg	gatggcatgg	ggattgatga	tgatatcagg	ggtgatacct	tcacaggtga	840
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atttaatatc	ccttccttgg	attgaagagt	taccataac	ctgatccac	aatgcccgtc	1020
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cctgatacca	cgaacccctt	gggagctatc	aaaaccnate	atcatccagc	ttgtcgtaaa	1200
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gccgcggtcc	tacagctgaa	cgattcatga	taacagagtc	ttccctgatt	atatcccgat	1380
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gtccatgcga	acatggaagt	tggtgatgta	aactcccata	gcctgcttac	ccatagcaga	1560
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aagtggctta	caaatacggc	ctgcatccgt	atagatccga	atctccctct	ctcgaatata	1920
tctgatcata	gaaacttcag	acacaatgat	gtccatctga	cgtctcaatt	tccttaggg	1980
gttcataagt	tggtcgggat	ctttatgtat	tccaaccag	cagccattaa	caaaaatctt	2040
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taaaaattcc	agaattggag	atggttgaga	tccaactgaa	atatacgcca	tcaaggctaa	2160
attcttcaca	agtcctacag	catggccctc	tggggtctcg	gcaggacaca	ccattcccca	2220
caacgtatta	tgcaactgtc	ttggttttgc	tagcttgccg	tctctaccaa	taggagaatt	2280
taaacgacgc	aggtgagaaa	gagtagacgc	aaaagtcagg	cggtttaaca	cctgagatac	2340
tccagctctg	gcttgatgag	ctttcttttg	atcacccag	tttccagtag	ctaaagagta	2400
ttttaggcca	tcagatatga	tccgtgtttt	aattgccaac	tccaagttaa	aatcctttcc	2460
tcgatcaata	aattttctgtg	catagat				2487

<210> 3405

<211> 1333

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (18)...(960)

<223> similar to gi2506078 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3405

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acggagacag	cctcgttgtg	ctggtggcca	cagtgggtggc	tcttctggac	atctgcttca	120
tcttagtggc	tgttccagaa	tctctgcctg	agaaaatgag	accggtttcc	tggggagctc	180
agatttcttg	gaaacaagca	gacccttttg	cgtcgttgaa	gaaagttgga	aaagattcta	240
ctgtcttact	aaatctgcac	caccgtgtgt	ctttcatacc	ttcctgaagc	tgggacagta	300

ttcaagtttt	ttttctctat	ctcagggcag	gtcataggg	ttgggatctg	ttaaaattgc	360
agcattcata	gctatggtag	gaattctgtc	tattgtggct	cagacggcct	ttcttagcat	420
cttgatgaga	tcattaggaa	ataagaatac	tgctctcctt	ggcttgggct	tccagatgct	480
ccagttagcc	tggtacgggt	ttggatcaca	ggcctggatg	atgtgggcag	cagggaccgt	540
ggctgccatg	tccagcatca	cgtttcgggc	aatcagtgcc	ctcgtctctc	ggaatgcaga	600
gtcagatcag	caaggagttg	cccaggggat	cataactgga	ataagaggac	tatgcaatgg	660
cctggggcca	gcactgtatg	gcttcatatt	ctacatgttc	catgtggaac	tgactgagtt	720
gggcccga	ttgaattcta	acaacgttcc	cctgcaggga	gctgtcatcc	caggcccgcc	780
gtttttat	ggggcatgta	tagtccttat	gtcttttctg	gctgccttat	tcattcctga	840
atacagtaaa	gccagtggag	ttcaaaaaca	cagtaacagc	agcagcggca	gcctgaccaa	900
caccccgaa	cggggcagtg	atgaggacat	tgagccacta	ctgcaagaca	gcagcatctg	960
ggagctctct	tcatttgagg	agcctgggaa	tcagtgcact	gagctgtaaa	ctcggcagaa	1020
agtgggattc	tgcatacgcc	atctctgaga	gccatggagg	gagccacacc	cctggtgact	1080
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ccgccatcat	tctgtctcat	ctcctcctgt	tttttttttt	ctcttacatt	cttttttttt	1200
tcccggttaa	tccttaaaac	cagaaaaaaa	ttggaaaaac	ttctttgcaa	aaagggggca	1260
actcccaggg	ggaacctcaa	ataaaaaaag	cattcttttg	tgaaaaaagg	agggcttctt	1320
tgaaaggaca	aaa					1333

<210> 3406

<211> 2127

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (18)...(1455)

<223> similar to gi5006265 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3406

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tcacgatgct	ggtatttgga	ccagcctgcg	ggtttatcct	gggctctttc	tgtacaaaaa	180
tctacgtgga	tgcggtcttc	attgacacaa	gtaacctgga	catcactccg	gacgaccccc	240
gctggatcgg	agcctgggtg	ggtggctttc	tgtctgctgg	tgcttacttc	ttcttctctt	300
ccctcttgat	gtttgggttt	ccacagtccc	tgcccccgca	ctcagacccc	gccatggaaa	360
gcgagcaggc	catgctctcc	gaaagagaat	acgagagacc	caagcccagc	aacgggggtcc	420
tgaggcaccc	cctggagcca	gacagcagtg	cctcctgttt	ccagcagctg	agagtgatec	480
cgaaggctac	caagcacctg	ctctcaaacc	ctgtgttcac	ctgcatcatc	ctggccgcct	540
gcatggagat	tgcagtgggtg	gctggcttcg	ctgccttttt	ggggaagtac	ctggagcagc	600
agtttaacct	caccacctct	tctgccaacc	agctgcttgg	gatgactgcg	atcccgtgtg	660
cttgtctggg	tatcttctctg	ggaggtcttt	tgggtgaagaa	gctcagcctg	tctgccctgg	720
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ccgattcctt	cactccagtg	tgtggggcag	atggcatcac	ctacctgtct	gcctgctttg	960
ctggctgcaa	cagcacgaat	ctcacgggct	gtgcgtgcct	caccaccgtc	cctgctgaga	1020
acgcaaccgt	ggttcctgga	aaatgcccc	gtcctgggtg	ccaagaggcc	ttcttcaatt	1080
tcctctgtgt	gatgtgtatc	tgcagcctga	tgggtgccat	ggcacagaca	ccctcagtc	1140

tcctcctcat	caggacagtc	agccctgaac	tcaagtctta	cgctttggga	gttctttttc	1200
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ccacctgect	gttctggagc	acgttctgtg	gggagcaagg	cgctgcgtc	ctctacgaca	1320
atgtggtcta	ccgataacctg	tatgtcagca	tcgccatcgc	gctcaaatcc	ttcgccctca	1380
tcctgtacac	caccacgtgg	cagtgcctga	ggaaaaacta	taaacgctac	atcaaaaacc	1440
acgagggcgg	gctgagcacc	agcacagagt	accaagacat	tgagactgag	aaaacctgcc	1500
ccgaatcaca	ttcaccttca	gaagactcct	ttgtgagaag	ctgagggcct	ggccctcttc	1560
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gggtgtcaaa	ttcccttcca	cccatccctc	tacctcctct	ggggatggct	tgccgacatg	1860
cttttagaaac	ttccctcttg	ggaatgctcc	tctgactgag	ggctccaaca	gctttaatga	1920
aatcagccga	gagggtaaaa	accaacctgt	tgcattgaat	ggagggggga	aaaagcacat	1980
actcaataga	tttttgagtg	tggtactctg	tatttttgca	gcgtttattt	tccaaatgag	2040
cagtttagaa	atatgtgatg	taaagtacat	actgtacgtt	tgctgaaaat	tatattaaaa	2100
gcactatttt	aattcttaaa	aaaaaaa				2127

<210> 3407

<211> 1859

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1860)...(794)

<223> similar to gi5262712 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3407

aagtctcatg	gtgattgatc	ttcgtctgcg	tgggggtgat	ggttggttaat	ctttctctct	60
ggcagttagg	gcacacacga	attcctagca	tccccactcc	agcgaaacac	ttgtgcacag	120
attacaaaca	ccaatatgat	tttattcaaa	cacaggcaag	aacaatgacc	ttcagagctg	180
ggtaaaaata	ataagttaaa	agcatgggta	gaatttttaga	caatcagata	aaaagtttga	240
aggaagtgat	ttcccccttc	tctcctaatt	gattaattca	acacagcata	aaaataattt	300
gtatctataa	aatatccttg	ttccacacac	aatgaactgg	aggtggccct	aggatttctt	360
tgactatggc	acaatgcaca	caatctacat	gtccctcctc	cccaactttt	aaggcaaaaa	420
tggctctgca	tcttcagggc	agaggggtggg	ctcatgccag	cagtcagctg	tgtcaaggac	480
actggggggc	gtttctccac	cgaaagatgc	ctgcttgggt	cccacttggg	cgcggtattc	540
attttatttc	tagcctttgc	ctcaccacag	aaaaaaggag	ctgaaattct	ggcaagtgga	600
cactggactg	gtttggggca	ctcctccagt	ctgggctgac	cgggtctctt	gaggcatccg	660
tggcctaggc	aagtgggtgg	ttcaggactg	tgacagccct	gaaggagcca	gacctggtgc	720
ctcctgcaag	ctggacaaag	ctgacggagg	gtgggcagg	gtctccttcc	ccccagcccc	780
tcaggctgcg	tcagtctttc	tgggagtact	gagaagaaaa	tatccgtgca	atcctgagag	840
tttcttctc	aggcagggtg	agggggagcg	agttaggctc	ggggcgacaa	ggcctttggg	900
agagagctcc	cctggtggct	tcgctcttgt	cctgatctgt	tgtggctgct	ggtggcaaa	960
ttgctgagag	tgaaagcatc	cgcaggggaag	cctccaactg	ctggggaggc	aaaaaaaaagt	1020
tgggcaccac	aatgggccct	gggagcagga	ggctctgctt	tgtggacgtc	tctgatccag	1080
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ggcatgggat	gggctgaggg	ttggctgagg	cagactcgcc	accaaccctg	gccttagagg	1380
cctcacactc	acaagcaaca	agactttggc	taggagaacc	ctgcctaggc	aggtgggggt	1440
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tgatctcatt	taaggctctg	ggctcaatga	tgtcttcttc	atagtccctc	tcactgtagg	1680
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agggactcat	ggagcattct	tcctccattt	gaagtctctt	cgagaggagg	gggtgatggg	1800
gaatctgtgc	ctttatctgg	agctcttacc	aatggctcat	ctggcattgt	gcacgtctc	1859

<210> 3408

<211> 2578

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1951)

<223> similar to gi3334741 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3408						
atggcgccag	gcctggccac	gtggctgcct	tttgctcggg	cagcagcagt	gggctggctg	60
cccctggccc	agcaaccctt	gcccccgga	ccgggggtga	aggcatctcg	aggagatgag	120
gttctgggtg	tgaacgtgag	cggacggcgc	tttgagactt	ggaagaatac	gctggaccgc	180
taccagaca	ccttgctggg	cagctcggag	aaggaattct	tctacgatgc	tgactcaggc	240
gagtacttct	tcgatcgcca	ccctgacatg	ttccgccatg	tgctgaactt	ctaccgaacg	300
gggcggctgc	attgcccacg	gcaggagtgc	atccaggcct	tcgacgaaga	gctggctttc	360
tacggcctgg	ttcccagagc	agtcgggtgac	tgctgccttg	aagagtatcg	ggaccgaaag	420
aaggagaatg	ccgagcgcct	ggcagaggat	gaggaggcag	agcaggcccg	ggacggccca	480
gccctgccag	caggcagctc	cctgcggcag	cggctctggc	gggccttcga	gaatccacac	540
acgagcaccg	cagccctcgt	tttctactat	gtgaccggct	tcttcacgcg	cgtgtcggtc	600
atcgccaatg	tggtggagac	catcccatgc	cgcggtcttg	cacgcaggct	ctcaagggag	660
cagccctgtg	gcgaacgctt	cccacaggcc	ttttcttgca	tggaacacag	ctgtgtactc	720
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gccactgtca	tgttttatgc	tgagaagggc	acaaacaaga	ccaactttac	aagcatccct	1080
gcggccttct	ggtataccat	tgaccacatg	accacgcttg	gctacggaga	catggtgccc	1140
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gccctgcctg	tgccagtcat	tgtgtccaac	tttagccgca	tctaccacca	gaaccagcgg	1260
gctgacaagc	gccgagcaca	gcagaagggtg	cgcttgggca	ggatccgatt	ggcaaagagt	1320
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ttgctgcact	gtctagagaa	gacaacgtgc	catgagttca	cagatgagct	caccttcagt	1500
gaagccctgg	gagccgtctc	gccgggtggc	cgcaccagcc	gtagcacctc	tgtgtcttcc	1560

cagccagtgg	gacccggaag	cctgctgtct	tcttgtgtcc	ctcgcagggc	caagcgccgc	1620
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caagccccat	gacagccttg	acctgaactg	cgacagcggg	ggacttcgtg	gctgccatta	1800
tcagcatccc	taccctcctt	gccaacaccc	cagatgagag	ccaaccttcc	tcccttggeg	1860
gcgggtggcag	ggccggcagc	accctcagga	actccagcct	gggtaccctt	tgctcttctc	1920
ccgagactgt	caagatctca	tccctgtgag	gggtaggcct	gctgattcag	agggtcctct	1980
tcatttttgg	gaactccttt	ccaaagccat	atttttggga	ggcagagagg	ggcaggcttg	2040
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tggtccctact	ctcccagctg	gactcctgca	tgctcctccc	cttgggctct	cagatgaagg	2280
caaagctttg	atccgacatc	tgagctctag	cctaagaagg	agagttgaga	tttctccttc	2340
cctctggctg	ggatatggag	ctttggagggt	tcagagaaga	gaacctcac	ctctgatctg	2400
gcctctacga	gaggtcctca	tctccatctg	gcccacaat	tcccagattc	tgaagcttgg	2460
gaatgcaaac	acaggcttca	tggggctgtg	gccttctggc	aggcgacctg	ccatccccag	2520
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<210> 3409

<211> 1380

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1298)...(766)

<223> similar to gi424102 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3409

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ccttgccata	gtaagatgtt	ctgctcacgc	gtatccacga	gaaagccccg	catttcacgg	180
ggagcataga	aacaggagtc	cccaactctg	ctcaccagct	cctccggctg	ctgccatctg	240
ctcctgcagc	atggcggcct	gggaagcctg	cactgggtgat	tttctgccac	tcaagttttg	300
cagacttcgg	gaagatggat	gcatagcctg	gggcaatgac	agtcacaggc	ccgccttgtc	360
acaaggctcc	tggagcgggc	aatgccttga	gccc aaaggc	tgggagcaca	aagccatctt	420
cagccatcct	cgatttccag	caagacccca	gggctcacc	aacagcccga	cactccatac	480
tacaagggtg	gttaattttt	taaaagactc	tgagaaata	taccaactac	agagctcagg	540
aaagcaactg	atttataaaa	cccaatccaa	gttgtttget	tttatagcat	tagagacatg	600
tctgaagaac	ttcaagtttt	tatctataga	aacataatta	gtttaataaa	ttactaggtc	660
tattttgaat	atctaaattg	agtactttta	ttagacctaa	gtggaacttt	atctgaatct	720
gaattttcca	agggggccagt	gtagagtgc	acagggtgtc	gaggccacct	ttccatcttc	780
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gattcttgcc	ccgcgtgtgg	ggacgctgca	gatttcttcc	tggctttcca	ccgctgcagc	1140
tcgagagctc	tcagcttttt	tcggagctcc	atgttctgct	ccctcaaagc	atctatatga	1200

ctccggagtt	ttccatgaac	atcagcccac	agagacttct	gtctcccaag	ctcttggtgg	1260
agtctgatga	tctgctgctg	taatggctgg	tccccaacag	tcactactgc	caggatcaga	1320
tcattctgggc	catgtcccca	cagttgtccc	caagccctcc	tgctcatat	ccctcgtgcc	1380

<210> 3410

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (8)...(625)

<223> similar to gi4314286 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3410

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gttggtgaag	cagttccggc	cagctgtgta	tgcggtgag	gtggagcgcc	gcttcccagg	180
gtccctagca	gctgtagacc	aggacgggcc	tcgggagcta	cagccagccc	tgcccggctc	240
agcgggggtg	acagttgagc	tgtgtgccgg	cctcgtggac	cagcctgggc	tctcgtgga	300
ggaagtggct	tgcaaggagg	cttgggagga	gtgtggctac	cacttgccc	cctctgatct	360
gcgcccggtc	gccacatact	ggtctggagt	gggactgact	ggctccagac	agaccatggt	420
ctacacagag	gtgacagatg	cccagcgtag	cgggccaggt	gggggcctgg	tggaggaggg	480
tgagctcatt	gaggtggtgc	acctgcccc	ggaaggcgcc	caggcctttg	cagacgaccc	540
ggacatcccc	aagaccctcg	gcgtcatctt	tggtgtctca	tggttctca	gccaggtggc	600
ccccaaccct	ggatctccag	tggagactcc	agggttctag	acagaggcca	gtcttgcca	660
ctcaccacac	accccgcgga	ccccataaaa	ggcttgcata	gctccaaaaa	aaaaa	715

<210> 3411

<211> 6388

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5874)

<223> similar to gi5689555 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3411

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caggtgtgga	gtatagatga	actgccttct	aaacaagggt	actatttaca	gggaaattat	120

ctgcgttg	tggcagaagt	tggttccttt	gaacataatc	ttacaactga	tcttctaaac	180
cacttggtat	ttgtacagaa	agtgttcagt	aaggaagtta	atgaagtaat	acaaaaagtt	240
tctggtgggg	agcagcctat	tcctctctgg	aacgaacatg	atggaacagc	agatggagat	300
aaacctaata	ttctcctcta	ttccctaata	ttgcagttca	agggtattca	agtaacggcc	360
actactccat	caatgagagc	tgtaagattt	gaaactggat	tgattgaact	ggaactttct	420
aaccgacttc	aaaccaaagc	ttcaccagga	agtagcagct	atctgaaact	gtttggcaaa	480
tgccaggtgg	atTTaaatct	ggcattagga	caaattgtca	aacatcaggt	ttatgaggaa	540
gctggttctg	atTTtcatca	agttgcctat	tttaaaacca	gaattggatt	aagaaatgcc	600
ctccgagaag	aaatcagtg	ttcttcagat	aggggaagctg	tgcttattac	tttgaataga	660
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aagggccgcc	tatgacaact	ggaatgaaca	acgaatggct	ttacataagg	atattcatat	780
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tgggactcct	tttctccagc	tcactgtcaa	tgatctggga	atTTgcctac	ctatcacaaa	900
tactgcacag	tctaatacata	ctggagacct	tgacactgg	tctgcttttg	tattaacccat	960
tgaaagtact	ctcatcactg	catgctcttc	agagtctctg	gttagcaaag	ggcatttcaa	1020
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cgtattgtgg	aaaatgtgtg	ggattgatgt	tcacatggat	cctaacattg	gcaaaaggct	1260
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tcgaccagga	caaaaaagtc	caattattat	acatgacgac	aattcctctg	ataaagatag	5580
agaagatagc	atcacttata	ctactgtgga	ctggagagat	tttatgtgca	atacatggca	5640
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ggaggtcatt	aattgctttt	tcttttttaa	atgtagactt	atataaatac	ctgtttgtat	6300
atagcttgag	taattgtgat	atgattgtat	accactaaaa	tattgttaac	tattataata	6360
aagtcacagt	aatggtttaa	aaaaaaaa				6388

<210> 3412

<211> 1862

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5)...(234)  
 <223> similar to gi1872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3412

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gggtttcgcc	atgttagcca	ggctgctctt	gaactcctga	cctcaagtga	tccacccgcc	180
tcagcctccc	aaagtgctag	gattacagat	gtgagacacc	gtgcccagcc	tcatatattt	240
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agtttctgga	tttgatttct	tttttctttt	tcacattcag	tctggatatt	ttctgctgac	780
ctatattcca	gttcactaat	aatgcttttc	actgtatcta	atttgcttat	aaatagaaaa	840
ccattgattg	agttattaat	ttcagttata	gaatagccag	tgtagactcc	aatgcttggc	900
tccacttctc	cactttttcg	cctatttttt	tcaccatctt	ccattttctt	caacacacca	960
gtcagagtca	tttttaaaga	catttttaac	acctcagtg	cctgtagatc	ttatcttctg	1020
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agacatagta	ttcaggaagg	cagagaggat	ttttttttaa	gtcagatttt	ttgagggtata	1140
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tcctttggcc	catgggtttat	ttaaaattgt	gttctttttac	ttccaaatta	tttgggattt	1260
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ta						1862

<210> 3413  
 <211> 1832  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1204)  
 <223> similar to gi498725 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3413

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tgtggaaagg	cttttggttt	aaagtcacag	cttattatac	accagagAAC	tcatacaggg	180
gagaaacat	ttgaatgtag	tgagtgtcag	aaagccttta	atacaaaagtc	aaacctgatt	240
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<210> 3414

<211> 2072

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (268)...(1720)

<223> similar to gi4768275 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3414

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<210> 3415

<211> 2199

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2200)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1)...(1485)

<223> similar to gi5732237 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



```

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```

<210> 3416

<211> 6926

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(5403)

<223> similar to gi559330 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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attgtttgtg	gtattcaatg	tgtgatttta	aaaaataaca	gcaacaacaa	taaaaacctt	6120
gactggctgt	tttttccctg	tattctttac	aactattttt	tgacctctg	aaaattatta	6180
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agcattggca	agacattgta	cagatgcaac	cttttacaca	acatcattgt	gtaatttgta	6420
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tttttgtgtt	tttaaattat	tttctttatc	ttgttacaaa	aactgagatg	tggggttttt	6540
ttttttttta	agttcactta	tcattagaat	gtctgaactt	ttatgtaaca	tttttggggg	6600
gcttttttaa	aggctaacac	cacatgtttg	cccctatgac	aagtttcata	gagtgaag	6660

tatcttctg	gttgaaataa	ttcacaaatt	ggtgaatgtc	atcttgcaac	acaccctgta	6720
cagtcttcct	taaaggaaca	ctacagtata	tttttagtat	ctacatgctg	aatgactgaa	6780
tacagaccta	agcacagcag	tggtcctggg	acagtattta	agtgtcggca	tacacaggcg	6840
taatccctgt	ataaagtagt	gccaaactga	tttcagttgt	gtaactagtt	taaaacccaa	6900
taaatggatt	cttttttaaaa	aaaaaa				6926

<210> 3417

<211> 3786

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3787)...(1585)

<223> similar to gi2460117 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3417

agtcctg	gtggaattcg	tctggtggag	atactggtcc	accagagaat	gggagagcgg	60
ctggagcagt	gtccctggga	agcgttggtt	gtttttgaga	tggagtctca	ccctgttgcc	120
cgggctggag	tgcactgatg	tgatctcgcc	tcactgcaac	ctccgcctct	cacgttcaag	180
caattctcct	gcctcagcct	cctgagtagc	tgggattagc	tgttggggac	acgagatgcg	240
ccaccacacc	cagctaattt	tgtgttttta	gtagagacgg	ggtttcacca	agctggccag	300
gctggtctca	aaatcctgac	ctcaggtgat	ccaccacact	ctgcctccca	aagtgttggg	360
attacaggcg	tgagccaccg	cgcctggcct	ggaaacactt	tcataccatg	ttaatttctg	420
agactggggc	tcaagttaaa	tttaggttaa	gggttttagga	taagttagct	aagatagccc	480
agaactttca	taatatgaca	gatctctaaa	aataaatggc	tcttttaagg	cagcatgcca	540
tcaaaaaaaaa	gtacctctaa	tgggattcta	attatttagg	ttaaactttt	cctcatattt	600
tatttttcaca	tgggaatccta	aaaggttcgc	cccgataagg	cagaacatct	taggttgtag	660
aaaattatac	atggtatctt	tactgggaat	attagctgtg	ccacttatta	gctgtgacct	720
taggcaaat	acttcactta	tctggcctgt	ttcttcggcg	gtaataaaaa	acaacagtac	780
ctatctccta	cagtaggtgt	gaggattaac	tgggctaata	agaaatgctc	agacacacag	840
taggtgctca	attaacgcag	gctgctactg	tttatcacta	aaaggaaagg	cttgggacat	900
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atcagttaga	tgatttgcaa	atatgttttc	ccattctgta	ggttgttttt	ttcactttct	1260
tgaataatca	taaatttagt	ttttgacaaa	atcttgcttt	tatagaaatc	tataccatta	1320
acttaagtag	ctgtttttga	aaaaataaat	actgttttaa	tttagatata	acagtattcc	1380
ttataaaaa	ttattttatg	gttttataaa	atattttaa	tattgtataa	acatttcttt	1440
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tgggttccat	cattttattc	acgtaatcgt	gggaggatcc	atctgattcc	gtgggaagct	1560
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tcttctctga	tctttttaat	gtgggtttct	tgtccagccc	acgaactcct	gagagcatcc	1920

atcacatcag	gctgctccaa	gagcatgggg	aagggtggcca	gcatgggatg	gctaattaaa	1980
tcagtacttt	gcaagctcat	cctgtctttc	aggagcacat	ctccaagaat	ttgtcgataa	2040
aatatcaaca	agtgaataga	acacatattt	ccaattaatg	tttctggcag	tagacttagt	2100
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ataggaactc	cactggcatc	aaaaagttta	agaaacaccc	agccacagct	taactctcct	2340
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agaacctgta	tgctcattcc	tggaagagga	atcattttac	agctccataa	tgtcagaatc	2640
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acaagacaga	agatgccgcg	ctctgaaatc	gctttctgaa	cagcactcca	gtgggggatca	3060
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tctgggaaca	agaccttcat	ttccttttgg	atccttagct	atccaccaac	catcaggttt	3240
tttttcaatt	acaaggagaa	tttccctttt	cttaaagtga	agatctccaa	cttgtctgagc	3300
agtaaaatct	ccaacagcga	tgtattcttc	accggttgac	catttgtgag	attcattttc	3360
ctctttctct	tcctcttctc	cctctgcate	ttcttctctc	ccaccactgt	cttcactatc	3420
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ttgaagagca	tttttatttt	catctattgc	ctgctttaac	tggatacatc	tttgataaat	3660
atgttgtctt	ttattgggtt	ctagagcttc	tttcagttgg	ctctcagaaa	gcaaactatc	3720
aacctgttgc	ttcagctcct	gattgcggcg	ccgcagggcc	tggagaggat	ctcgtgtctg	3780
tctcgc						3786

<210> 3418

<211> 2783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(1436)

<223> similar to gil503988 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3418

atctcagagt	ggcgggaattc	gccggggacca	gccgctcggg	gccgggctga	tacagccgct	60
tcaccgtgcc	cctgcccgcg	accatggcct	cctccgaggt	ggcgcggcac	ctgctctttc	120
agtctcacat	ggcaacgaaa	acaacttgta	tgtcttcaca	aggatcagat	gatgaacaga	180
taaaaagaga	aaacattcgt	tcgttgacta	tgtctggcca	tgttggtttt	gagagtttgc	240
ctgatcagct	ggtgaacaga	tccattcagc	aagggttctg	ctttaatatt	ctctgtgtgg	300

gggaaactgg	aattggaaaa	tcaacactga	ttgacacatt	gtttaatact	aatdddgaag	360
actatgaatc	ctcacatddd	tgcccaaagt	ttaaacttaa	agctcagaca	tatgaactcc	420
aggaaaagtaa	tgdtcaattg	aaattgacca	ttgtgaatac	agtgggattt	ggtgacccaaa	480
taaataaaga	agagagctac	caaccaatag	ttgactacat	agatgctcag	tttgaggcct	540
atctccaaga	agaactgaag	attaagcgtt	ctctctttac	ctaccatgat	tctcgcatecc	600
atgtgtgtct	ctactttatt	tcaccgacag	gccactctct	gaagacactt	gatctcttaa	660
ccatgaagaa	ccttgacagc	aaggtttaca	ttataccagt	gattgccaaa	gcagatacgg	720
tttctaaaac	tgaattacag	aagtttaaga	tcaagctcat	gagtgaattg	gtcagcaatg	780
gcgtccagat	ataccagttc	ccaacggatg	atgacactat	tgctaagggtc	aacgctgcaa	840
tgaatggaca	gttgccgttt	gctgttgtgg	gaagtatgga	tgaggtaaaa	gtcggaaaaca	900
agatgggtcaa	agctcgccag	tacccttggg	gtgttgtaca	agtggaaaat	gaaaaccact	960
gtgactttgt	aaagctgcgg	gaaatgctca	tttgtacaaa	tatggaggac	ctgcgagagc	1020
agaccctaac	caggcactat	gagctttaca	ggcgtgcaa	actggaggaa	atgggcttta	1080
cagatgtggg	cccagaaaac	aagccagtca	gtgttcaaga	gacctatgaa	gccaaaagac	1140
atgagttcca	tggtgaacgt	cagaggaagg	aagaagaaat	gaaacagatg	tttgtgcagc	1200
gagtaaagga	gaaagaagcc	atattgaaag	aagctgagag	agagctacag	gccaaatttg	1260
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tggaagaaga	aataattgct	ttctctaaaa	agaaagctac	ctccgagata	tttcacagcc	1380
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aaaaaaaaact	agaagtgtgc	tttgattttg	ctgttatattg	ttttatcact	tctatatttg	1560
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acccgacacc	tttgctttct	gatggttcag	tttaaacaga	ttttgtttct	tgcaaaaaat	1800
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attagagtcg	ggtcccgttg	tgtatatgca	gatattccaa	acctgaaatc	caaaacactt	1920
ctgggtcccta	gcattttgga	taagggatac	tcagcttgta	cctatatatt	catatatatt	1980
cactgttggt	agaaatgttt	aagttgctgt	tctgtgatga	atctaaatct	tttctcttgc	2040
taccaagcta	ttgtcactgc	agtgcattat	accaaagagc	gaagtcagtg	ccactgaaaa	2100
tacagaaccc	attaatatcg	tggtatcttg	attacattta	tattccaaga	tgaacctttt	2160
ttatatatgc	taaaaatttt	ggggaatatg	ttttgggatg	tattatggag	ctaaaactct	2220
aacctcttaa	tagttttata	gaacttaaaa	attttttata	caattaccca	attggtgata	2280
tgatcttaag	cttttggtgc	agattattta	atatgatgac	ttcatgcttt	attatgcctt	2340
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tatataagct	attdttttcct	aaggataaag	tacctttgag	catgagtgtg	tcacagcttt	2460
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aagggtgaat	catttttatta	aaaatacttt	ttaagaaaat	aactatgaac	atctgaatat	2580
taaagatata	aaaatgcaca	taattcatat	ttcaggtggg	atttgcatte	agtgccttac	2640
tggtattctc	agaacatddd	aatgattttct	aacatttctt	aacagtcata	gatatatata	2700
ttttcatttt	ttgtacttga	atattctaaa	taaaactgac	atttactctt	gacaaataaa	2760
acatatattt	actaaaaaaaa	aaa				2783

<210> 3419

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(839)

<223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (40)...(465)  
 <223> similar to gi780367 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3419

cacctcaagc	cagctgggct	gtgggcggca	cctgtgctct	gcaggccagg	cagcgataga	60
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cccctataag	aaggggtgcct	ggtgttcgct	ctgcacagcc	agtgtctcag	gctgtttcaa	180
agcctgggac	catgcagggg	ggctctgtga	ggtccccagg	aatccttgtc	gcatgagctg	240
ccagaacccat	ggacgtctca	acatcagcac	ctgccactgc	cactgtcccc	ctggctacac	300
gggcagatac	tgccaagtga	ggtgcagcct	gcagtgtgtg	cacggccggt	tccgggagga	360
ggagtgtctg	tgcgtctgtg	acatcggcta	cgggggagcc	cagtgtgcca	ccaaggtgca	420
ttttcccttc	cacacctgtg	acctgaggat	cgacggagac	tgtttcatgg	tgtcttcaga	480
ggcagacacc	tattacagag	ccaggatgaa	atgtcagggt	ggggttacag	aggaaaggcg	540
gggtgtctggc	ccagatcaag	agccagaaag	tgcaggacat	cctcgccttc	tatctggggcc	600
gcctggagac	caccaacgag	gtgattgaca	gtgacttcga	gaccaggaac	ttctggatcg	660
gtgagtggcc	agctgattgg	gggtatggcg	agtaaggggt	tgtgatggcc	cacctgtctg	720
caggaaccct	gggccatggc	ggctgccagc	agatggcaag	ggtgtgttga	gggcctggag	780
cccagagcgg	ngccagctgc	tcaccccctt	tcccgngag	ggcccaggta	gggagcac	838

<210> 3420  
 <211> 1345  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1348)...(216)  
 <223> similar to gi3283350 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3420

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aaaatgaaaa	atgtaatgaa	cagtttatgt	ttttttaaaa	caaagtcaga	ttttaaaagt	120
tgtccacaga	gagcaaaaat	cactttacgt	actcatgatg	ggctttaata	tttctttaca	180
ctatacatat	tgaaaatggt	tacatttact	aataaggaat	gcccgaagcg	atccatcacc	240
atttgaatag	cttgcagggg	atttgtgatt	tcttccatgt	tatctcttct	caaaacccaa	300
tctggcttaa	gtcttgaaac	tattctggtc	cttacagggt	tttctgggat	aaaaggaatg	360
cttatagaag	aattcttctt	ttgcttgtaa	agtattcttt	cagtattcat	tttatgttta	420
tgagctgtaa	gtttgtagag	actgtaaata	cggtaacaa	ctttggacct	acttcgtaca	480
tcagaggctc	tatttgttgt	cttcagtaaa	atagccaaca	aacaacaagt	ttttgtaaaa	540
atgcttccgc	ctttgtctgc	aactttatta	ccaggctttt	ctcggtatat	ctgcaaaagc	600
tccaatagta	tatctataca	atcttctaca	tcataaactg	ctgaagtagt	tttctcatat	660
ttagatacat	taagcaagac	ttgcacagca	tatctgatga	cttccataca	aggaatactg	720
cgattacaac	ttcggatcaa	aacaaatatt	ttagaaattg	ctccactctg	ggccatgttc	780

tcacaacaaa	gtggagacaa	tctagtaact	acctctaggt	gttttaaggc	ctcaagaatg	840
gcagaaaggt	gcttatatgt	caaaaggtaa	tgaagtgcga	gtgcagttct	tttgtagagt	900
ttgttttctt	ctcgaatctc	cctattaaca	acttgaagac	ttagtcgtat	agctttaatt	960
tttgtacaat	catttttctt	cctccaagaa	tagcctctcc	ataatgcctg	aattttaatg	1020
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attactgatg	cagccctatt	tcgctggctc	agacattctt	gaccttcatg	ctcaatcttt	1140
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taggctcttt	gaattctaac	agcattcagg	tgataatatg	cagctgcagt	gaagtgaaga	1320
agtcgaattt	tggtctctg	ttcta				1345

<210> 3421

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (98)...(449)

<223> similar to gi3875371 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3421	
cgactacaga	aacgctatgt attagaggaa gctgagcaac tggagcctcg agttaatgct 60
ctggaagagg	acatggatga tgtggagtcc agtgaagagg aagaagagga ggatgagaag 120
ttggaaagag	tgccatcacc tgatcaccgc cggagaagct accgagactt ggacaagccc 180
cgtcgctctc	ccacactgcg ctacaggagg agtaggagcc ggtctcccag aaggcggagt 240
cgatctccca	aaaggagaag cccctcccct cgccgagaaa ggcacggag caagagtcca 300
agacgtcacc	gcagcaggtc ccgagatcgg cggcacagat cccgttccaa gtccccaggt 360
catcaccgta	gtcacagaca caggagccac tcaaagtctc ccgaaaggtc taagaagagc 420
cacaagaaga	gccggagagg gaatgagtaa tggactcagt ttggtttttag tccacatggc 480
ctcctgtgga	tataaggata tctgtatgtg gaaggattaa gatctcccc aggagctat 540
aagaatattt	tagttttttt cttatcaagt ttctcaacct ttatttttaa tgaaggaggt 600
gctgagtttt	gtatcttttt aatcataatc aacatcagtt tttgacccaa ctaaccttga 660
ctgtattcaa	acttatgaga gtataaagga tctggagggt ggggatatga ctgacaagga 720
aaggctgtgg	ccacctgatg accctttccc tttttattaa accggacaca cctgtttccc 780
aaaaaaaaaa	
	790

<210> 3422

<211> 6730

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(5954)



<223> similar to gi3327062 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3422
gaaacatgtc attaagtttc ttaaattgacg aagaggccag gaagatcctt caggtgctgg      60
aaaggaatga ggagttacag agggccgaga aggacaggat cagcaaactt cagaagacaa      120
agagggatat cagatggctt cagggagtga ctggtgaatg gtttgaagaa attcaaagaa      180
aaaagttttg caatgaaaca gatgttagcc aaatgttaaa acaaccactt acatacaggc      240
taagtaagga gatggcaaaa aatgatccga tagaattacc tacatcaaga tctaaaaaatg      300
taactaatca aaaaaagccg acaccttttt ctccccggat gagcttcaga tgcgtcatttg      360
cttccctgtt ctcatcagg aaatctggaa aggagacttc aaagcttcca tcaactgggac      420
agaaaggatg tgatggccat gcaggacctc ctatgcctgt gaggggagct gctgtgcagg      480
caaaaatata caattcacct ctggaaaatc atctagttag cagtacattt gtcccaaagc      540
cagcagtcac gagggaggag agtggcatgc ctccaccgtg ggatgcttca ctgctggaga      600
atgagttttt ccaagtttta gatgacttgg atagcaaatt ggctcaggaa cagtctgcaa      660
gctcagttaa taccagaaca cccctcaact atggatcaag aacacagttc ggtcactttt      720
attccagtgg taacagacat ggtaatatca cagaaaggca caaaaaacac tataatgaaa      780
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<210> 3423

<211> 1902

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1762)...(764)

<223> similar to gi854326 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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1902

<210> 3424

<211> 2416

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2410)...(454)

<223> similar to gi4755188 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3424

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<210> 3425

<211> 4730

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(4141)

<223> similar to gi5689571 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3425

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 <211> 5113  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5114)...(1526)  
 <223> similar to gi5689403 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<211> 5195

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (2)...(3795)

<223> similar to gi3327166 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



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<210> 3428

<211> 2892

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (326)...(2892)

<223> similar to gi4322670 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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ggttgatatac	aacctagtag	ggtgccatgc	tttgaagctg	gactcttttg	gccagtttat	240
tgaattatta	cccagcctag	agtttatattc	actggatcag	atgtttcgtg	aaccacccaa	300

gggttggtgct	cgagttggtc	tgagtgcagg	cacaggaatt	ggtgtttcat	cagctcttgt	360
tagcaaccag	aactccaaca	atgacgataa	taatgccag	aataacaatg	ccaacatcca	420
cgacaacaat	caccatcatc	cagatgactc	agacgaggag	aatgactttc	ggcaagatct	480
gcagccagga	gagcagcagt	ttgcagctga	cgcattaaat	gagatggaag	acatcgcca	540
agaagatgga	gaggtgggtg	ccgagagtgg	aaataatact	ccagctcaca	gccaggcaat	600
tattcctgtg	gatgttgatg	aggaacaagc	aggacccagt	ggtcttcagc	gtgtagtaaa	660
accaacctca	attactgttc	atgattcaga	gagtgatgat	gaagaagata	gtctagaact	720
ccaagaagtc	tggattccta	agaacggtac	tcggcgttac	tctgaacgtg	aagaaaaaac	780
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aaagtatcat	tttttgactg	agtctccatt	tacttcattc	ttaaattggat	taattgtcca	2820
tcccctttaa	atcctgtgcc	tttttcttcc	tggagcgacg	ggttttgagt	agacctggtt	2880
gaagagtga	aa					2892

<210> 3429

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1067) ... (216)

<223> similar to gi5915916 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3429
tttttttttt ttaaagtcaa gtaaatttaa tctgtaacta tgaaatgtct aggttagcag      60
caattatgga tgcccaaaga ctgggcaaaa tttgtccccc gaaggcatcc tgagggccac      120
aaaggctccc ctcagttcac aaaggtagct ggcaggatgt tagctttgcy ctcagcttca      180
atgcagtact tttcgaaag gccaggggct ctcagctttt caagcttttt cctcttgatc      240
tcategatgc gctcacggcg tttctgggcc tcctctttga ggcgccggcc ctctcaaag      300
gtggcaatcc ggttctgcac ttcttctgc tggttctgc gcacctggcg ccggagctca      360
ttggcatgct gtaagcgccc tgtggccttt ttctctctct ccagccgctc cttctcaatc      420
tgttctctct gagccgaag aatctctctg aactcatccc ggtcccgttg cacctgaaca      480
gccagagcgt gctccttgaa agccacctgt tcgagccgac tttttcgcag ctcagcctct      540
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gccagcttct cctgagccag gagttctgct ttctgtttct ggttttcatc attgatgcgc      840
ttaatctcag cttgcatctt cagtttttgt tgcctccttc gttccatgct ctttagatct      900
tcctcttgga gctgttccat atattccagc atctgctcct tctcctgctc ccgctgctca      960
gcaagcagcg atcgctcctc ctggttcttt tccatctggt ccacaatttg ccgccttctc     1020
ctaattcttt cctcctctct ctctctctcc agttcccgga cgcgtggg      1068

```

<210> 3430

<211> 2388

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2389)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1677)...(857)

<223> similar to gi4218005 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 3430
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agggtatgca ctcagatcat gagacctaa atcaaacaca ctggattgtc aaagagtcaa      180
acaaggacta caattttaac ctcttaata gaaaagatgc tgatgacaaa acacgaagtt      240
taaaaatatt ctttacgcta agctcatata agcaaacaaa aaactaaaac taatcctaaa      300
actttaggac actggatata gaagtaacat aactatttaa atttttgtat caacgaaagt      360
gtgttctatc cttcactgta cctgtactac aaggacatgc ttgttgcttc tacactaccc      420

```

aatgtcaaca	cttatcatca	acaatacaat	agaattagat	cggaacaagg	cttcaaagcg	480
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gaaccagctc	ttacttttct	ctcgtgtcat	atgtgatgaa	gtcctcactt	gacaattccc	600
cctgcaaatt	gcaatgcatg	tccttgccgt	cacctttttc	tgacacttta	aaattaattt	660
gtagaaattg	caaaagcaat	gaaattgtac	ttccaattct	gaacctctga	tcagattcct	720
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<210> 3431

<211> 3239

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3240)...(270)

<223> similar to gi5817132 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gggggtgcagg	ctgggcccag	cagggccaaa	ggcagcagaa	atgggagtaa	gagactgtgc	180
ccactgagaa	gctctgctgg	gttggtggca	ggtgggcatg	agatgatgat	gatgtagtgt	240

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accttgctct	ccagatctgc	gtagaagtcc	ctgcctcctc	gcgacttctt	catcaggctc	3180
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<210> 3432

<211> 1539

<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1051)...(215)

<223> similar to gi598332 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

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attctgtgaag ttaaagagaa taatcaagtt gtctcatgga ctggaagggtg acttattaat   240
tccctttcat ttccaaacct catcaagcag tcactacatt tatgaggcaa gtcagctgaa   300
tgcttgaaat ctagatgaat tttaagatct tcaatttgct ctggtgaata ttcccaatat   360
tgacataaat aaatcccttc agataaatgt gaatttaaag gcttggcaat attctagcat   420
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agcaacatgc ctgttaacat ttgtgtgaag tctactccga aaaccacata cttgacatac   540
aaagaagttt ttacatttgt caaaggtaat ttgtcttaag aggctatact gtccatgttc   600
accattgtta tacttatcac ttaactctat taatttacat gcatgctcat ttaccacatg   660
gctatgcaag tcttctggat cattagtgtc atgttcacag aactgacaca agtactgttc   720
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```

<210> 3433

<211> 4936

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(3978)

<223> similar to gi3327082 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 3434

<211> 2290

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2288)...(245)

<223> similar to gi5052554 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 3435

<211> 3109

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3110)...(478)

<223> similar to gi2465540 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3435

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<210> 3436

<211> 2899

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(1583)

<223> similar to gi4159682 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3436

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<210> 3437  
 <211> 2461  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4)...(693)  
 <223> similar to gi3676132 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3437

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g	2461

<210> 3438  
 <211> 5925  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (272)...(3795)  
 <223> similar to gi4589512 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gactgcctac attgagtata aaaccagcaa agaaggcagt acggtggggg tcacagtgtc	660			
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ctgtagatcc	aaatggatta	ccagtgtgct	acagacttct	tattatagaa	cagcattcta	5640
ttctacatca	aaaatagttt	gtgtaagtta	gttttgggta	ccatctaaaa	tattttttaa	5700
tgttctttac	ataaaaaattt	atgttgtggt	ttaaaaatcct	taggggcttt	atctattttt	5760
ctaagtcagt	taactgtact	tctaaaaaaa	gtattttgta	tctacttttg	taacttcgtc	5820
agaataaaat	atattgaaag	caagaaatgg	ctgattaaag	tatgtatata	aacacaccc	5880
tctattttaa	tatagaaact	tgagaattta	gcaaaaaaaa	aaaaa		5925

<210> 3439

<211> 1620

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1394)...(606)

<223> similar to gi5360119 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3439

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attgaaccca	aaagaagctt	ctagtatgga	gcaagtctgg	tggaaaagca	gcatactctc	180
caggagagaa	gggaaacgga	gcagggccaa	tcacaggtg	acagtgcagt	gctactcatc	240
accatcatga	aaaactcatg	agcgtcagac	gcgccacagg	gattcctgat	caggtaatat	300
ctgctattat	tatgacaagc	tccatagaaa	aatgtagaca	gcagggcaga	aagacattat	360
tctttataaa	taaaagggtc	atctgtgcaa	tattgacatt	agaaaaatat	acattgcttg	420
ccatagacct	tctctggata	aatcagacg	aatctaggat	ctgactccac	ttcactgtga	480
gggctctggc	tccacggtga	cgaccgactc	cacagcttct	agaggaactc	cttctagcgg	540
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cgggtcaagt	ccccgaaag	gcttctgaga	cacccttcag	tcaatagtga	tccatgtggg	840
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aaagcatcga	tgctccttgc	tccttgggat	tggtagcaat	tttaaaaaat	acgtccctat	1560
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<210> 3440  
 <211> 4487  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (20)...(3896)  
 <223> similar to gi5931959 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3440

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gcgaggccta	gccaagagcg	ggcagaagag	tgccctggtc	aagcggctca	aaggggctct	180
aatgctagaa	aatttacaga	aacactcaac	accccatgct	gcattccagc	caaattccca	240
gattggtgag	gaaatgagcc	agaacagttt	cataaaacag	tatctggaaa	agcagcagga	300
gctacttagg	cagcgtctgg	aacgtgaagc	tcgagaagct	gcagaacttg	aagaagcttc	360
agctgagtcg	gaggacgaga	tgatccatcc	tgagggagtg	gcttcctgc	tgctcctga	420
ctttcagagc	agcctggaga	gaccagagct	ggagctcagc	agacattcgc	ccagaaaaag	480
ctcctcaatt	tctgaagaga	aaggtgactc	tgatgatgag	aaaccaagga	aaggagaaag	540
acgatcatct	agggtcagac	aggcaagagc	agctaaactg	tctgagggca	gccaacctgc	600
tgaggaggaa	gaggatcaag	aaacaccttc	cagaaacctc	agggtcagag	cagatcgaaa	660
tttgaanaa	gaggaggaag	aagaggagga	ggaggaggag	gaagaagatg	atgaagaaga	720
ggaaggtgat	gatgagggac	aaaaatctag	ggaggcacca	atcctgaaag	agtttaagga	780
agaaggggaa	gagataccta	gagtaaaacc	agaggagatg	atggatgaga	gacccaaaac	840
aagatcccg	gaacaggagg	tggttagagag	aggagggaga	tttacaagat	cccaggaaga	900
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ccttgaggag	gaagaaagag	aaataaaaatc	ttcacaaggc	ttaaaggaaa	aatcgaagtc	1020
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acagccccaa	acctcagaga	ctcagacctc	tcctctgcca	gaatcagaaa	gaattcatca	2160
cactgttgag	gagaaggagg	aagtgaccat	ggacacaagt	gaaaacagac	ctgaaaatga	2220

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tatccacctt	ttccttttgt	tcaattttta	ttttattttt	ttttattatt	aaatgatgtg	4440
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<210> 3441

<211> 1969

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (55)...(1179)

<223> similar to gi4972746 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3441

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atgcaggagg	tcctacagag	aaaggcgctt	cttgcatctc	agagggccca	cagcctgtca	180
cccacagatc	accaagcagc	tttctacctg	gctctgcagc	ttgccatctc	cagacagatc	240
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ctgcacctcc	ttgccctcct	gctgtcagca	cagaagcatt	accatgacgc	tctgaacatc	360
atcgacatgg	ccctgagtga	ataccagaa	aatttcatac	tactgttttc	caaagtgaag	420
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tggatgacgc	tggcacagat	ctggctccat	gcagctgaag	tctatatcgg	catcggggaag	780
cctgcagaag	ccacagcctg	tacccaagaa	gctgccaaac	tcttcccaat	gttcccacaa	840
tgctctctac	atgcgcggcc	agattgctga	gctccgggga	agcatggacg	aggcgcgggc	900
gggggatgaa	gaggccttag	ccatcagccc	caccacagtg	aagagcatgc	agcgactggc	960
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aaaccaaccc	cgaatcatcg	ctctcgccat	gtgcgtttct	cttggtttttt	ttgccagccc	1380
aatggtagtt	tctgaacctc	ttgacattgt	tcaaaatgga	tcagtgtgcca	tattttgtta	1440
gttgacatct	gagttttcag	taaaatgatt	atggaattaa	tcagcaaatg	tagaagaata	1500
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tattttaagtt	taactttttt	atgtgaattc	agagtttatt	tatcgagggg	aatatgtaca	1860
aagaagcttc	aaatggaata	tttaccgaca	ttccttatac	atgacagaca	cttggctaca	1920
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<210> 3442

<211> 2263

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2228)...(668)

<223> similar to gi3879811 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3442

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aggtcaagaa	aaatgccaca	gccagaaaaa	tttattttta	aatagaaaca	tacattaagc	180

tttaaaacaa	ccaactctca	aactgaaaga	ggaaagagcc	tttgatccca	gagtccatgc	240
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ctaccagctc	caaatctgac	gtgatgggaa	cttgggagat	gtctgagaaa	tgtccgaagg	540
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gctgttgatt	aaccaggagt	accagctctt	atatttgata	ttcaggagtg	aatagacagc	1020
acccccgaca	cagagagggg	acagcaggta	tgacaagtac	ttcatggcct	gagtatcgta	1080
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<210> 3443

<211> 1878

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1307)

<223> similar to gi4510377 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3443

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gaaatacaaa	gagtgccatt	ggaacagctg	tgtctaagaa	ttaaaatttt	agagatgttt	180
agtgtcata	atctccagtc	tgtgttctct	cggtccattg	aacctccaca	caccgattct	240
cttcgtgct	caaaaatacg	attacgagac	ttaggagcat	taactccaga	tgaaagattg	300
acccctcttg	ggtatcattt	ggcctctctg	cccgtggatg	tgagaattgg	caaaactaatg	360
ttgtttgggt	ctatcttccg	ctgtttggat	cctgctctca	ccattgctgc	cagtttggtc	420
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gaatttgcac	tcgcaaacag	tgattatctg	gcccttctac	aagcgtataa	gggatggcag	540
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<210> 3444

<211> 6436

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5017)

<223> similar to gil80803 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3444

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<210> 3445

<211> 1709

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1712) ... (288)

<223> similar to gi2988400 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3445

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<210> 3446

<211> 1320

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (48)...(703)

<223> similar to gi5305702 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3446

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<210> 3447

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(529)

<223> similar to gil924940 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3447

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<210> 3448  
 <211> 4009  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(3247)  
 <223> similar to gi3882313 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3448

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<210> 3449

<211> 2368

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2291)...(1951)

<223> similar to gil203928 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3449

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atttctttat	cagtgaaaaa	caaactgata	tctgaagtgt	ataaacagtt	ccctagtagt	240
ctatttgaga	aaaagtatca	aatgtgcata	aatgtgttaa	aactgacaaa	tacaagaaaa	300
gcattcagct	agagaaaatt	cacagcattt	tattcaagtt	aatcaatttc	attcaataat	360
ctgccatatt	gttcccagca	ccactattac	tgttattatt	tctctttgag	gaagaccagg	420

tattaagaaa	tctggtttga	atttccatga	tgcctaactc	tatgggttaa	aatccttttc	480
cttaccaaaa	aggaacttct	taatcaccag	agaaacagag	ggaagactga	gatatgtttg	540
cagaaattta	tctctactag	agacaattca	tagttcataa	tctttcaggg	ttgtgcttta	600
cttgggggct	ccgttttcgg	gagcgggttg	tttcccataa	atgtttgctt	aatacaataa	660
atttgcccca	ctgtaccaca	gaagggaat	gagggctagt	gtccccagaa	agcaagcagg	720
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caacccatgt	gtagtagcca	aagctgaggg	tgatgactgt	gaaccagaac	agactgcctc	2280
gctgaaagta	ggtcgcgccg	gctgccgtag	ccatggctgc	aacacctccc	cggccacgcg	2340
tccgcccacg	cgtccgcccc	cgcgtccg				2368

<210> 3450

<211> 3790

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3292)

<223> similar to gi3413874 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3450

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tacgatactc	aggtcaaaga	gatccgtgct	cagctcacag	agcagatgaa	atgcctggac	180
cagcagtgtg	agcttcgggt	gcaactgttg	caggacctcc	aggacttctt	ccgaaagaag	240

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gccatccage	tttcagtggc	atcttgTTTT	gggaactgat	tatagagaat	catatatagt	3720
ccagtcttca	ttttacatac	acacacatat	tttacacaca	cacacatttt	acacacacac	3780
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<210> 3451

<211> 2343

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2344)...(2121)

<223> similar to gi5817268 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3451

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catcttacat	caccatggta	catctgtcaa	aaccaagaga	ctgaaattgg	tatattaact	180
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ggcccttcct	cttccctccac	ccctccttcc	ttgaacgcag	acatgattct	tggggatata	1560
gcagccatct	tgggaccatg	aagtaacgag	cactgagatt	aaggcaaaaag	gatccaagac	1620
gtgaccccta	ccttcgtgga	gttggtgaac	caataccatt	agccacccat	ctccagaatc	1680
catgctatgt	ggaaaaacaa	tcttctgttt	gtttaaacca	ctgcaatcaa	ggttttcctt	1740
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ttgtccttgg	gaatttggag	ccggcagcac	gtggctcttc	aagcccatct	ctgttctcct	1860
tctcggtaat	gcttcaaggg	taaggccatg	atcctattgt	cacagagggtg	ggaactgggg	1920
ctccacact	gtacagtgag	tccaaggcct	tgtagccggt	gagaggggtg	cccagagtca	1980
gaccctctcg	ccaggtgcaa	agagaatgca	cccctgctat	cccttctgca	tggcccagcc	2040

tgctggaggc	caggtgtgtc	ttctgggctc	ttgaagggtg	cagcaggtgc	caaggaggct	2100
gctactgcaa	gtctggtgtg	gatgtctcca	ggtacaccct	taggtctgag	agagtggact	2160
ggacaagctt	ggcggggatg	gtctctcgct	gcagttgtctg	gtaggcccg	tagcgggtggc	2220
agcccccaaa	ggagtagaag	tagtcacctc	cctgggcccc	tttgateccag	aggacatcga	2280
tggggggcac	gctgtctggg	tcttcccgga	tctgtctccac	gaggctctgc	accttggcgg	2340
ggt						2343

<210> 3452  
 <211> 981  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (17)...(319)  
 <223> similar to gi5824545 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3452						
gccgcggtcg	ctatggagga	gccggagatg	cagctcaagg	ggaagaaagt	cacggacaag	60
ttcactgaga	gcgtctacgt	cctggccaac	gagccatccg	tggccctgta	ccggctgcag	120
gagcatgtgc	gtcgctccct	ccccgagctg	gcccagcaca	aggcagacat	gcagcgttgg	180
gaggagcaga	gccagggagc	catctacact	gtggagtacg	cctgcagcgc	cgtgaagaac	240
ctgggtggaca	gcagcgtcta	cttcgcgagc	gtggaggggtc	tgctcaaaca	ggccatcagc	300
atccggggacc	atatgaatgc	cagtgtcccag	ggccacagcc	cggaggaacc	acccccgccc	360
tcctcagcct	gatcctggaa	gagactcggg	gccccccagc	ctccgccaac	ccagagacgg	420
ggtttcacca	tggtggctag	gctgggtctca	aactcctgag	ctcgtgatcc	tcccgcctca	480
gcctcccaaa	gtgctgggat	tataggtgtg	agccaccgca	cccagccttg	gttctccctt	540
tcttcatctg	gataaggaag	gctggactgc	accttctcta	caggctgagt	tggacattcg	600
cagatctacc	ctcccaacct	gcattctgcc	tcaagcagca	acgcccaccc	caggctcagg	660
ccacatggag	aagccacccc	tagttccagt	ggtggatgtg	gcacctcggc	ctggccaatc	720
agagctccct	tgctctaggt	tcctagtgtg	tggttcgaga	tggacacgtg	acccaatgag	780
cggcctttcc	tgggagttct	accaggagca	tcaggaaggt	tgagctgggt	gtatgggaac	840
caggccgggg	cgaggggttc	caggggggac	ctgagaacat	tgcgtggagc	cctggatcca	900
actgtacctg	acactagcca	atttcatttc	ttcagtttca	tggaccacct	aattatgatt	960
tttgccaaaa	tgaaaaaaa	a				981

<210> 3453  
 <211> 4362  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(1532)  
 <223> similar to gi1503988 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3453

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ggggcagggg	cggctccgcg	gcttctcccg	ccgcgcgcgc	caaggggagt	ttccaggaag	120
tggccatatt	ggatccattc	agccgcagcc	gcccggggcg	agcgcgcccc	gcagccggct	180
ggctccctgtc	gtgccccctg	cgctcgtccc	agcccccgcg	cccggtgcgg	agctcgccat	240
ggcgggccacc	gacctggagc	gcttctcgaa	tgcagagcca	gagccccgga	gcctctccct	300
ggggcgcccat	gtgggttttcg	acagcctccc	cgaccagctg	gtcagcaagt	cgggtcactca	360
gggcttcagc	ttcaacatcc	tctgtgtggg	ggagaccggc	attggcaaat	ccacactgat	420
gaacacactc	ttcaacacga	ccttcgagac	tgagggaagcc	agtcaccatg	aggcatgcgt	480
gcgcctgcgg	ccccagacct	acgacctcca	ggagagcaac	gtgcagctca	agctgaccat	540
tgtggatgcc	gtgggctttg	gggatcagat	caataaggat	gagagttaca	ggcccatagt	600
tgactacatc	gatgcgcagt	ttgaaaatta	tctgcaggag	gagctgaaga	tccgcgcgtc	660
gctcttcgac	taccatgaca	caaggatcca	cgtttgcctc	tacttcatca	cgccccacgg	720
gcactccctg	aagtctctag	atctagtgc	catgaagaaa	ctagacagca	aggtgaacat	780
tattcccatc	atcgccaagg	ctgacaccat	ctccaagagc	gagctccaca	agttcaagat	840
caagatcatg	ggcgagttgg	tcagcaacgg	ggtccagatc	taccagttcc	ccacggatga	900
tgaggctggt	gcagagatta	acgcagtcac	gaatgcacat	ctgccctttg	ccgtggtggg	960
cagcaccgag	gaggtgaagg	tggggaacaa	gctggtccga	gcacggcagg	tacccttggg	1020
ggagtgggtgc	aggtggagaa	tgacgaatca	ctgcgacttc	gtgaagctgc	gggagatggt	1080
gatccgggtg	aacatggaag	acctccgcga	gcagaccac	agccggcact	acgagctcta	1140
ccggcgctgc	aagttggagg	agatgggctt	tcaggacagc	gatggtgaca	gccagccctt	1200
cagcctacaa	gagacatacg	aggccaagag	gaaggagttc	ctaagtgagc	tgcagaggaa	1260
ggaggaagag	atgaggcaga	tgtttgtcaa	caaagtgaag	gagacagagc	tggagctgaa	1320
ggagaaggaa	agggaagctc	atgagaagtt	tgagcacctg	aagcgggtcc	accaggagga	1380
gaagcgcaag	gtggaggaaa	agcgcgggga	actggaggag	gagaccaacg	ccttcaatcg	1440
ccggaaggct	gcggtggagg	ccctgcagtc	gcaggccttg	cacgccacct	cgcagcagcc	1500
cctgaggaag	gacaaggaca	agaagaatta	acgcacgcac	agacttacat	gtcaagagtg	1560
gacttttagac	tttcatgtgt	taagttgctt	gagttacacc	ttgtgacctt	tctcccataa	1620
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gtaaatggaa	cagcagccca	aagctgttgt	ctgtgcccc	gaggtgctac	ctgtagacag	2340
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gcttcttttc	tgggctgggt	cacagggtga	agagatgaag	gtgtctgatg	tatatagaca	2520
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atttttaaggg	agtactagca	gctttgactc	ttctatgctc	ctgttggttt	tacaagccac	2640
caggatgttc	agtgttgaga	atacggcctg	gtaaaatggg	agatgtaaaa	tgactaaatg	2700
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ctaaatttta	tggggctgaa	agcttgaatt	atttagaaa	acttcttta	gaaaaacaat	3180
gttaataata	aattaggtac	agggctcttg	aaggggccct	gaagattaag	cttccttagc	3240
gtcacaataa	gtccgtatct	ggttgcaatt	gaaaactgat	gcttcagtga	gggtatctaa	3300
aaaggtaaac	tggcatatcc	agggcaaatt	tgggctgcca	atggctcatc	tctagggtaa	3360
ttttatgtct	gaaagtgtat	gcagttgggt	cagagcatga	cctttaagat	agcctctctc	3420
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aatgagaatt	cctggttcat	gggccaacct	aggactctgg	agtatgcaga	cttggccatt	3540
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agaatcacca	tataattcgt	tgcccaaatt	gggactattg	agagagaaag	gggatgctat	4020
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tctttctagt	tgtgggtacc	ctgatctagg	tggtttgtaa	ttgtgcatta	ctgactgcat	4140
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gaggaagtgt	ggcttgctag	tctgttacgt	taacatgctt	ttctaaaatt	gcttcacgtg	4260
ttaattcatt	tactcctgca	ttcattgact	gtttttgttc	ttttccattc	actttgtact	4320
tatttttttc	attaaatttt	gcattttatt	tgaaaaaaa	aa		4362

<210> 3454

<211> 1128

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1129)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1128)...(793)

<223> similar to gi4406551 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3454

tttttttttt	tttggaggga	gaaacaactt	tattttcatc	cagaaattag	taatgtttat	60
aaatttggtt	atagtagttt	gtaaattatt	atcagaaata	gtaatgtcta	taaaccactt	120
actttaagag	acaatcagga	actatgatga	gggcaataat	aaaaggagaa	atcttaccaa	180
aaaattaacc	tggatcgttg	tgcttgctct	aaaggttaaa	gtcacttagg	ggaaacagat	240
tcagtattat	ccaatgggct	taaccatcct	tccttctttc	tgtttgcttt	ttggtgggtg	300
ctgggttaca	aagagcagtg	tcttctgccc	tgaaggtagc	agtattatgg	tgggtgecta	360
gaggtaatt	attggtttag	aagagattca	ggcccttaac	ttttacatgt	gctttccagg	420
aaaggagaca	ctttctttct	cagccctgtg	tgaggactat	gttagccag	aaagtgttct	480
tggaccactg	ggtgcccatt	ctcagtgcta	ggaacaggaa	gaccctggtt	tcctggtaga	540
atztatggat	cctacagctt	tctctccatc	aaactttaag	tcacagtaag	ataggactct	600

ggagtcacag	gcacagccag	gagaggtcag	cgtccttatg	ctgactcctg	gtcctagaca	660
tgggtcttaa	gatccagtag	tcagtaggtc	tgttgcaaag	tcagggactg	gctagatctc	720
tccacagcag	aagaaagctc	atacatgctg	acctgaggaa	cttaatctga	cagtttaccg	780
acacactcat	aacgcattctc	ttccttcctg	tgatgagagt	actgctttca	tgtgtactgt	840
ctgatgacgg	gtgagggcag	agttcttagt	gaagcctctc	tcacagtga	aacacctgta	900
aggtttttca	ccagtgtggg	tttttcgggt	ggcactgaag	tgggagctat	tattgaagat	960
tttccacac	actgcacact	tgtatgggct	ctccccagt	tggatgcgcc	ggtgagcact	1020
gaactgggaa	ctagatgttg	aatctctttc	cacagacaat	gcactggtaa	ggcttttccc	1080
cggtatgggt	cgaattccnc	gcnntggcct	agtggctctg	tattcaag		1128

<210> 3455

<211> 1203

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1202)...(196)

<223> similar to gil519052 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3455

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tgtccaccta	gggaggaaag	taggaggcca	gtagcaaacc	cctcccagag	ctggggacat	120
gtattcccct	ggggaacccg	gtggcatccg	ccctgaggag	cgcaccaccc	cgcccagatc	180
cagggtcccgt	cagggtgcca	cctgctgcat	gggcctgagg	ttcggggaca	cagcaaaggc	240
acaccccgtg	ctctttttga	ttgtcgtcca	cccgtaggcc	ctcccagagc	tccctcagcg	300
tcagctcttt	cttctgtgtc	acgtcaaaca	cgggcttctc	ggtgatgatg	cgggtccacgc	360
accgtttttcc	cggtcagcgg	catggtgcat	ttctccatga	tctttggggg	tgttgctcct	420
tgtgcagtgc	tgcattggtga	ccaccactct	ggtcttctga	ctggacacca	agtccatggc	480
accgcccattg	cctttcacct	tcttgccagg	gatcatccag	ttcgccagg	cgccgtat	540
ggaaacctgc	atggctccaa	gcattggttag	ttggatgtgt	ccccctcgga	tcatggcgaa	600
ggagtcgtcg	ctggcgaaaga	agcagcccc	gggaagcacc	gtgaccgtct	gcttgccctgc	660
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gatgcctatg	cccagattgg	cgtacatgcc	gtcctcaa	tccagagctg	cgcgtctgat	840
gatgcgcgtc	ctggcgtcct	cttcttttcc	agcgtctcca	tcttctctct	tccggatcgt	900
taagcgctca	attcgtttct	cgtattttctg	cccctttatc	acgcgaccta	cataaatgtt	960
aggaacgtgg	atgtcttctg	gggggaagcc	cccacctcca	ccgccgtgac	gtctgcagct	1020
ttgcacatgg	gcacgttgaa	attgcggggc	cttctcctga	agaccacgtt	tctgcccgg	1080
tgggccttcc	accctttcac	cagggcggaag	tctgcccga	tggcgcgtc	caaaaggaag	1140
tggtcgccgt	tgaactccct	cacctctcgg	ggctggctca	tgagcgccag	gtggccgtcc	1200
ggg						1203

<210> 3456

<211> 1266

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1264)...(210)  
<223> similar to gi5870865 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3456  
tttttttttt ttgggggggct aggtataatt ttattttata taaaaagtgt ttctgtgatt 60  
cttcagagcc caggagtcag tgctgggtgt tggagggacc tgccccact ggttcattta 120  
accctctgtc tcggtgccct cagaacctca gccagaaagg caaggaggaa atcagagcag 180  
gagcctcata ctcttggtga tctattcatt ctgtgacctc aggggtcaca tataaggtca 240  
gtgtttctcg tccccgccgg atctgcactg ccaactggga ttgggttcga acagcttcat 300  
aaacatcttc agcattttgt accatctgct ccccaatggc caaaatcaca tcaccaggcc 360  
gcagaccagc ccggtgtgca ggggagccca ggatgacttt atggatgagt acaccatgct 420  
gaacatcggg aaagcttggg tctcgaagct gtagttcagc aaggatgctg ggactcaggg 480  
tcagcatcat caccccaatg tagcgccgct gggaccact gattccggag gaggaattct 540  
tcttttcccc acgatgcaga aactctcgaa gacgatcaga agggatggca aaggagattc 600  
cagctgtgac cttcatgggt ttcactccaa tcacctcccc atccagggtta accaggggac 660  
ctccagagtt tccaaaatca atagctgcat cagtttgaat gtattccaca ttggtttggg 720  
ggagtcccag gtctctggct ggacgctgag cagagctaac aatgccggat gtgatcgtgt 780  
tctgcagtgc aaagggaact cccatggcaa caacaaactc cccttgccgg acatcagctg 840  
agcgtcccag aggcagcgtg gggagaggct ccttagtctg aatcctcagc gttgcgatgt 900  
ctgccacggg atccacagct gtgaccacgg cctcatagct gtcgccgctt agcagtctca 960  
cacggactct gcgccgatca gccaccacat gggcggttggg gacaatgagc ccacggcag 1020  
ccaccacgaa tcttgagccg ttcgagatag ggacctcgcg gcccaagaaa ggggtgccgg 1080  
ccaggatctc gatatagacc acggcagggt ctgtcttctc caccacatct gcgatgaagt 1140  
tgtactgact gaagtcttc agaagtgcac gccgggacca ggattccggg aggccgactc 1200  
ctccctgccc cacgaatgcc gggaattgtg gtctccgccc gacgcgagtt gtgagacggc 1260  
ccaagg 1266

<210> 3457  
<211> 3899  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(2695)  
<223> similar to gi5499741 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3457  
gactgcctca acaaagaagg ctttgacaaa atagatatca gtgcagttgt ggcataatcc 60  
atcgctgtaa aggaggatgg ggagctcaac ctaatgaaga aagcagccag catcacttct 120

gaagtcttca	acaaattctt	caaggaaaga	gtcatggaaa	tagttgatgc	agatgagaaa	180
gttcgacaca	gcaaactggc	tgagtctgtg	gaaaaggcca	ttgaagagaa	aaaatacctt	240
gctggggcag	acccttctac	tgtggaaatg	tgttaccctc	ctatcattca	gagtgggtggc	300
aactataatc	tcaagttcag	tgtggtgagt	gacaagaatc	atatgcactt	tggggctatc	360
acttgtgcc	tgggtattcg	cttcaagtct	tactgctcca	accttgttcg	cactttgatg	420
gttgatcctt	ctcaagaagt	tcaagaaaat	tataactttt	tgctccagct	tcaagaggag	480
ctgctgaagg	aattaagaca	tgggtgtgaag	atatgtgacg	tgtataacgc	tgtcatggac	540
gtggttaaaa	agcagaagcc	agaactgctg	aacaaaatta	ccaaaaacct	agggtttggg	600
atgggaattg	aattcccgtg	aaggctccct	agtaatcaat	agcaaaaatc	aatacaaact	660
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cattgccaca	atcaagaata	taagtatgtc	cgtggaagga	gattatactt	acttgcgaa	1260
caacttttat	tgcccaggca	gtgctctggg	caggaatgaa	ggcaacatct	ttcctaacct	1320
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tattgccc	aagaggatgc	aaggctcact	ggaggcccat	gtcaatggct	tccgcttcac	1620
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gccctgtgat	ggagaaatga	ttattgtctt	gcactttcac	ctcaagaatg	ccatcatgtt	1740
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cttggggaaa	catcagcata	tgcatacccg	agatgacctc	tatgctgagc	agatggagac	1860
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ctataggagt	acctgcctcc	ttcagccac	tagtagtgcg	ctggtaaattg	ctacggaatg	2040
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agaagagtca	gactattcta	aggagtcat	gggtagtga	gaagagagt	gaaaggattg	2520
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ccttcgtctg	agtttctctg	ctttctctgc	tctgagcat	tctgaggtat	atctgctgcc	3300
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acatggtaca	atgatagaag	gcaaaattgc	cactgtcttc	tttttttct	catatatcta	3420
aggaagatat	atcaggttgt	gcctcatgta	ccgcttctag	tgaatgtag	aggaaggctc	3480
aaaggagtca	acatttagat	ctggaaggga	caagtcatgc	cttgggccta	gaataccctg	3540

atgagaaaag	agaagaggaa	gggaggccat	atctacaaca	cagcctctcg	gcactgctgc	3600
tccttatttt	aactttgtct	tgcattgtcc	tgtattttatc	acagtttctg	ttgaacagct	3660
tttcaagtat	ttggggagtt	tatcttgcca	tcctccccctt	ctggttctct	gcacccacct	3720
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ggattttatg	tttgtttgtt	ttttctcctt	agcagtagga	cttgatattt	tcaatttttg	3840
aagaactaaa	agatgaataa	actgggtttt	ttttgttgtg	ggtttttgta	aaaaaaaa	3899

<210> 3458  
 <211> 1146  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1147)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> similar to gil916290 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3458						
gggcgcggg	gccgcggccg	ggccggctcc	agggccggcc	gccgcgggtgg	ggcgcaggcc	60
gcttgtgcga	gtgaatcgag	gcggcgggcc	catccggaac	cggccggcca	tcgcccgcgg	120
cgcgcgggc	ggcaggcggc	aggaaccgac	cggcgcccta	cagcaggcca	aaacaacttc	180
ccgacaagtg	gcagcacgat	cttttcgaca	gtggcttcgg	cggtggtgcc	ggcgtggaga	240
caggtgggaa	actgctggtg	tccaatctgg	attttggagt	ctcagacgcc	gatattcagg	300
aactctttgc	tgaatttgga	acgctgaaga	aggcggctgt	gcactatgat	cgctctggtc	360
gcagcttagg	aacagcagac	gtgcactttg	agcgggaaggc	agatgccctg	aaggccatga	420
agcagtacaa	cggcgtccct	ctggatggcc	gccccatgaa	cattcagctt	gtcacgtcac	480
agattgacgc	acagcggagg	cctgcacaga	gcgtaaacag	aggtggcatg	actagaaacc	540
gtggcgctgg	aggttttggg	ggtggtggag	gcaccgggag	aggcaccgcg	ggaggcgccc	600
gtggaagagg	cagaggtgcc	ggcaggaatt	caaagcagca	gctttcggca	gaggagctgg	660
atgcccagct	ggacgcctat	aatgcgagaa	tggacaccag	ttaaacagac	cagcaaattcc	720
gcgtgcggaa	caggaccag	gcgtctcttc	ttgctccctg	gttggggggc	ggtggctggg	780
gctgtgcggc	caatgatgga	tttgtttctt	ttatgtttaa	aataggattt	aaaaactcat	840
gtaaagggtt	atttttttcc	tttttttttt	tttaaaaccc	aaaacagacc	tttttttccc	900
cgagttattt	ttgggaaaaa	atttactggt	tgctgttggg	aaaaaggggc	ctttccccct	960
tttctataaa	aaaaaaaaaa	atgtgtgtag	aaaaaaaaaa	acaaaaaaa	canggggggg	1020
gccccctttt	aaaaaacccc	tcggggggcc	ccatttaccc	cggggttggc	aaaggttatt	1080
tttctttttt	ttagggggga	atataacccc	ctctgggtcc	ttttggaaaa	cccccttttt	1140
ttggcg						1146

<210> 3459

<211> 455  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(456)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (455)...(18)  
 <223> similar to gi2429362 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3459

gtagaggtag	gagctgggag	acaggtagag	ccatggagag	gtgggatctg	ggtgaggcac	60
ggggccttgg	agaggtggga	cctgggtgag	gggtggaacc	tcggagaggt	gggacctggg	120
tgaggggtgg	agccttggag	aggtgggacc	tgggtgaggg	gtggagcctt	ggagagctgg	180
gacctgggtg	aggggtggag	cctcggagag	gtgggacttg	ggtgaggggt	ggagcctcgg	240
agaggtggga	cctgggtgag	gggtggagcc	tcggagaggt	gggacctggg	tgaggtgtgg	300
aacctcggag	aggtgggacc	tgggtgaggg	gtggaacctc	ggagaggtgg	gacctgggtg	360
aggggtggag	cctcggagag	actgtccctg	gacaggggtg	ggaccttgag	agacctgggtg	420
ctgagatgag	gtangacca	natgtcctct	tgccg			455

<210> 3460  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (732)...(101)  
 <223> similar to gi3337385 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3460

tttttatttt	atttttatat	tattttattta	ttcttcgtta	gtttgttttt	ggagcgtggg	60
ttttgttttg	ttttttgatt	tttttctttt	tttcgacca	cggattttatt	cttattgccc	120
aggcttgagt	gcaatggcgt	gttctcagct	tactcaacct	ccgcctcttg	ggtttgggta	180
attgttggtc	ctcggcctcc	ctctgcctct	tgggcttggg	cgattgttcc	acctcatccg	240
ccctccgctt	cttgggtttc	ggtgattggt	ccacctcatc	cacctccac	ctcttgggtt	300
tgggtgggtt	ttccgcctcg	gcctcctgag	tagctaaggg	aggagtcttg	agattatcat	360
ccactgaggg	tgaagagga	gaggtggaa	gagggacaaa	gagacagtcc	ttcagattat	420
catccactga	gggtgggaag	aggagagggg	ggaaggggag	tgagcagaca	ctcgggaggt	480
gtcttgaggc	tcaggaggtt	atcagttata	gaatgttggt	gagttggagg	aggtggctgg	540
tggcccatcc	tgttttttaa	agtttcagct	gtgaggtagg	gccagtaggg	caatcctgaa	600

gaatgacgat	gctccgctgc	cgccattctg	acccagttgc	aaagagcctt	tcttgacagaa	660
ggggggattt	tgcattttgtg	gtagtcctct	gctcgccgcc	gcaactcttg	cgcacgttga	720
aacattttcc	tatggattac	aatcactttc	atcagataaa	g		761

<210> 3461

<211> 1773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1774)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (28)...(1270)

<223> similar to gi5689535 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3461

tcgcgtacgt	acgttgggat	gctctacagc	ggccgcgcc	tcccatcaa	gcaggggatc	60
ctgctaaagc	ggagcggcaa	gtccctgaac	aaggagtgg	ggaagaagta	tgtgaccgct	120
ctgtgacaac	gggctgctca	cctatcaccc	cagcctgcat	gattacatgc	agaacatcca	180
cggcaaggag	attgacctgc	tgcggacaac	ggtgaaagt	ccaggggaagc	gcctgccccg	240
agccacacct	gccacagccc	cgggcaccag	cccacgtgcc	aacggcgtgt	ccgtggagcg	300
gagtaacaca	cagctgggtg	ggggcaacag	aggcagagga	gtcgtttgaa	tttgtgggtg	360
ggtgtccctc	actggggcag	acgtgggcac	tttcgaggg	ttcaacgggc	ggagggagcg	420
ggagctgtgg	gttcagagt	tgcaggccca	gacccctgcc	agcctgcaag	gcttgccgag	480
tgccaaggac	aagacttcga	cttggggaac	cagaacgcag	ctctggctgt	gcaggccgtc	540
cgcaccgtcc	gcggcaacag	cttttgtatc	gactgcgatg	cacccaatcc	agactgggcc	600
agcctgaacc	tgggtgccct	gatgtgcatt	gagtgtctag	gcatccaccg	acacctgggg	660
gctcacctgt	cccgggtgcg	ctcccttgac	ctcgatgact	ggccgngtga	gctgctggct	720
gtcatgactg	ccatgggcaa	tgccctcgcc	aacagcgtct	gggagggggc	cttgggtggc	780
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gggacaggac	ccttcggagg	tgcctgtgag	gagaggggag	caggacctct	ccctcctcca	1560
gatccctgcc	tcctagtgcc	agccccctac	acgccttcat	cctgaaacag	gaagaggacg	1620
gcaccaagtt	gggggtgctg	gatgaaagag	acgaggggtg	atctgtgagt	cccattgaaa	1680
ctttgtacat	tgggaatattt	atgtttgtgt	acatatgtga	tgtgtgtgtg	tatgatgagc	1740

&lt;210&gt; 3462

&lt;211&gt; 2239

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (2152)...(1400)

<223> similar to gil710175 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

&lt;400&gt; 3462

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tataaataca	aaggcagaga	atttacttac	aaagttaaaa	cacagatttc	aaacataaac	120
acacgattca	gaaaaatttt	agttttatgt	acatttccaa	gcaacctcaa	catattatgt	180
tagttttcaa	tattttacag	ggtacagaaa	aaaatagctc	aaagtcttct	ttaaataaga	240
gcataaaatg	tttaaacata	taaacaatcc	ggtttgatgc	gtgaaaacta	atttcacagc	300
ttttaaat	ggatataaaa	gtttcataca	attagttggt	gtgtgtggat	atggtttgaa	360
tttatattac	acactactgg	attacatcca	atagcattta	cctggcccga	gcaggctactc	420
tgtaaacaaa	acaaagttat	atcaccaagt	gccttccccg	aattcgctcc	ctcaaaccac	480
ccacacagtt	ctgaccactc	tacagtcatg	gcctgtcatc	agagctttgt	atgaaattaa	540
gtcaaagtgt	ggagctcctt	ttactcattt	ttttttctcc	ttaaaaaaga	aaagaaacaa	600
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gagacttgca	gaaacctgcc	gataaaattc	tgccctctgca	atgggtgacaa	tttccacggt	1080
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cagtagccag	tttcgtggcc	cctgagccac	agataacttg	atgttataac	acggtaagag	1200
gggggtctct	gaaaattcaa	attcaaacac	atcgctatag	gcatcgtcac	catcatcctg	1260
gtcttctggt	cctgggggggt	tggtataaac	atcatagcca	ctttcatcat	ctggttcaca	1320
aacagagctg	ccatagaagt	cccaagtgcc	actggcgctc	tcattcattgc	gaccctggag	1380
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acagttgaca	tcagcgccat	attcaaggag	gtgtcgacac	atgttgagcc	agccccatgc	1620
acaagcttca	tgaggggcgc	agtaacctgc	gttggtcccga	tgatttacat	cacaaatcct	1680
gttctctaa	cagtacagga	ccacttcctc	atagccaagc	ctggctgccc	gctgcagaag	1740
ggtctcgcca	gcgttcttat	tgacaataag	tctccgtgct	tccggcggca	tagggcgaga	1800
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cgaactgggc	tccggccgct	ttctgaatct	ccggacagtc	accttgccat	cggcattctc	1980
cacgtagtat	ttccctgtca	gtggcaatcc	ccgcctggac	tcctgaggga	tcaagtgttt	2040
ggttttgcac	agtctcttcc	cggatggctt	ctcgctgttg	tcggtgtatt	tctgcagcag	2100
ggaggcagcc	tggcaatcct	cttcttcgct	tgcacacagc	acatctgtct	tctggttttc	2160



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tttaattttc tgctgtttgg caggcggcct ggaggctggt gcgcagcttg gctgttatct 2220
atatcaggtc tcatggtag 2239

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```

<210> 3463
<211> 2063
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2064)...(737)
<223> similar to gi2852632 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3463
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tccacatata ctatttttaa aataagcatg taaattataa tcattataaa acataagtta 120
ggccctaatt taatattatc aaggtaaaat gagcacatat aggaagtcag tctaactttg 180
ttcgcaattg tcttttaaag ttagaataca ttaaaagatt tagcacggtt gtattttatc 240
ttatttcagt tttcatgtta tcatcaacta taaatacccc ttaggaaatg taccacctta 300
taacttacat tgggaatagcc caatatttct taggtagggt attaaacgta ccatttaaat 360
cacectaaac caaataatcc taaaaaaata ctgggtttta attaaaaccc tgaggaatta 420
aaatttggtt ttacacaata gttttgggtt aagtggcaat ttccatggta catacctacc 480
tttggtttta gggatgtact tggtaaggcc atagtaaaaa taaaatctac gtaagtaaca 540
atctaatact atatttaatt tgttgctaca aagttgtttt gtttctctaa aaagtagttt 600
ttgcatatca ttctggacct ctccacccat ctgctggctt atttgcttta tatacaacag 660
ttaaaatttg tgcactaagc tgagctgctt tcacaattgt gggttcagaca aaatgcaccc 720
aaagaactac atgttaagag agttcatgtc catgtctaac catggcttgc acaaattgct 780
tgaaagacac atccatgtaa gtggactgtc ttggccagat tccctccaga aaaccaatat 840
ggcctccata agaagtaagg accaaagcaa cattaggatt ttgcttagca gtttctattg 900
gaatagcatg actgggtgag aaaacatcat ccacagaatt tagacacaat actggaattc 960
ctactgactt cagtctagga ctcgactgg catcagtata ataatcatca attgtttggt 1020
atccaaacat gactgaagtg aatcgcttat caaactctct gatggattta gccttcatga 1080
catgatccat atcaacttgt ttacaaaaca tatgtcgggt cttattaact gaagactgaa 1140
ggcaggttgt caaatagtaa ttaaaaagta gccagttcag tggtttttcc aatgactctg 1200
agcaagcgaa ggtgttccaa ccaacggaaa aagttgcagc tgccatcaaa ggcgttttgg 1260
acccaatttt gcccaagtaa ttagaagca gcattctctc cattgaaacc cctgctgcca 1320
ggaaaggagc agaagggtac aggctgtgta catggtgaat aactgtctcc aagtcttcag 1380
tgtagcaca acaataagtc cttggcgtca agagattctc ccccgccact cctctgttgt 1440
taaaaaccac acatctgtat cctaattctt cactaagatg gatcatatga aggatatatg 1500
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ccatataaca cgtactgtta tcattatcaa accagtcag tgaaatctgt cctccatctg 1620
cagttttaat aagttcattc ctgtactgca ccgggggctt cgaagtgatg aaaaggctta 1680
agcaggggtc gtccctcgacc ctcccagcac cagaccgtcg ggtagtacgt ttctgtaacc 1740
acgggacagt ggtcttgaag gaagcggctg aaactctcac ccccggtcac taactggggg 1800
ttcttggcaa tgctgctcag gtagtagaag gcataagcga cgctgaagcc caggataagg 1860
gataagccca cccccgagcc gaagaacccc acccggactt ggtgttccag gtagagggag 1920
agctcccggt acaacatccg caggtccatg gccaggcgct gcatggcccc cgagcgcggc 1980
gcgcgggtcc tgcggcgagg ggagagccgg ctggcgagcg ggcgagagcg ggcgagagcg 2040
gacgcggcgc cgctgcctac tcc 2063

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<210> 3464  
 <211> 5017  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5018)...(2724)  
 <223> similar to gill136418 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3464

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<210> 3465

<211> 4236

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(3648)  
 <223> similar to gi3882329 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3465

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<210> 3466

<211> 939

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (940)...(137)

<223> similar to gi2664429 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3466

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<210> 3467  
 <211> 1520  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1523)...(667)  
 <223> similar to gi817954 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 3468  
 <211> 3999  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4002)...(1682)

<223> similar to gi3327128 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3468

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<210> 3469

<211> 2493

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1790)

<223> similar to gi5733824 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3469

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actgttcacc	ttgtcattaa	aacacaaaac	aggcctcagg	atcattcagc	tcagcaaaaca	360
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<210> 3470

<211> 373

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(330)

<223> similar to gi5326854 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3470

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tgacagcaaa	taacactttg	agcaagccca	ccagatacca	ggcgagctga	aggaaatcaa	180
gcaagatata	tccagcctgc	gctatgagct	tcttgaggaa	aaatctcaag	ctactggtga	240
gctggcagac	ctgattcaac	aactcagcga	gaagtttgga	aagaacttaa	acaaagacca	300
cctgaggggt	aacaagggca	aagacattta	gcagcccaca	tcggcgtctg	tgacttctac	360
cagcattcca	agg					373

<210> 3471  
 <211> 6076  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3242)  
 <223> similar to gi3947688 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3471

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aggatcctac	cctcatccaa	taccagcaaa	gactttgaat	ccagtctctg	gacagtctaa	180
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<210> 3472  
 <211> 1492  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1495)...(80)  
 <223> similar to gi4689256 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3472						
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cagggtgctg	tgtgggtccc	caaagaggca	gctgagcttg	ggcctcaggt	cgttccacac	180
cttgetcatc	tccttggtgc	cttggatctg	agagttgacg	aaggcgcgga	ggatgtggga	240
ggtgaggggc	aggtagacgt	ggatgagctg	cgtctcctgg	tgcaggcagt	acagggagaa	300
gtagttccgc	agctccatcg	tctgaatcgc	gttctcctgc	tccacgatgc	gggactccag	360
ctgctccacg	gactccgggc	tcgcggttc	tgcgccggtg	gcgctcatca	tctgcctctt	420
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gccgtctcgc	acaggtcctt	aataggactg	gcagcagatc	caagaagagg	ttcagcttct	540
ccaccaacgt	cgttctcttc	cctgcttacc	ctgttgtgca	gccttgctcg	cgaagcagcg	600
caaatttcca	cagacaggcc	tttcagagcc	tgcttcaggg	acccccacg	tgcttgctat	660
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tggggctcga	tggcctgggg	tgtcggcaga	tctgacgccc	ggggatccgc	ctcctcgta	1440
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<210> 3473  
 <211> 4696

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(4492)  
 <223> similar to gi2815888 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3473

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cggcagctgc	gcaaagtgcg	gagtgtggag	ctggaccagc	tgcttgagca	gccgctcttc	180
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cgcggcgccc	accttaccga	gtcgggtggc	gcgccggaca	gcggcgccct	gagtcgccga	360
gcggccgagc	ccggggagaa	gcgggcgccc	gccgcggagc	cgtctcctgc	agcggccccc	420
gccggtcgtg	agatggagaa	taaagaaact	ctcaaagggt	tgacacaagat	ggatgatcgt	480
ccagaggaac	gaatgatcag	ggagaaactg	aaggcaacct	gtatgccagc	ctggaagcac	540
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ggagatggat	ctgaaatgaa	tacttagca	gctgagtcct	caggagaggt	ccaggcaagt	660
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<210> 3474

<211> 2915

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(2202)

<223> similar to gil657752 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3474

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aaaaatatgc	actaactaac	atccaggcgg	ccatgggcct	ctcggatcca	gctgcacagc	180
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<210> 3475

<211> 2429

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2405)...(719)  
 <223> similar to gi4510377 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3475

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<210> 3476



<211> 3973  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (3975)...(1294)

<223> similar to gi4914601 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3476

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ctcgtctccc	ccc					3973

<210> 3477

<211> 1459

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1458)...(424)

<223> similar to gi3881654 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3477

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taaaaataaa	tcacagccaa	agttccataa	agtacagaag	cttgaaacag	aaaataaaaa	360
tcgactcgaa	gagtgatgat	gggagcctga	agctccatcc	tcacaaggac	ggcagcctct	420
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<210> 3478

<211> 2304

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2305)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2)...(1053)

<223> similar to gi4884158 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3478

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<210> 3479

<211> 1838

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1170) ... (656)

<223> similar to gi453376 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3479

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tgaaagtaaa	cagcagtggc	aactaatatg	tttgtaaagc	ggcaaaccct	caagtagggc	1500
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cagtgtgaat	catccgggtg	actgccagat	tgtgggaact	cttgaaggcc	cgagcacaat	1620
attcacagat	ataatccctt	tgatctatga	agaaaatact	gtgggttagtg	ttctatttag	1680
ataccctgta	aatatttttc	cttacagtaa	gtaagcagat	gatggggcag	gcaatttaga	1740
gtaaaagcaa	tgctgttttc	aatgtataaa	cactttgggt	aaacaaaatt	taaaaaagaa	1800
aagtattgct	ttaaaaaaa	tccaacattc	ctcgtgcc			1838

<210> 3480

<211> 3184

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (130)...(2367)

<223> similar to gil336628 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3480						
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ccctactttc	agcttcattt	acctcttaat	tctcctttgc	ctggaagtga	attgaccaag	180
gaaccttttc	gttgggatca	gagactcttt	gcattagtgt	tgcggttgcc	tggcaccatg	240
tcagtagaat	cagaacagtt	gacaggtgtg	ccttttagatg	actctgcaat	cacaccaatg	300
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ctggagtcct	tggtgcagaa	agtacaaagt	ggggtggtaa	taaactttga	aaaagcagga	420
ccagatcctt	cccctgtaga	agatgggcag	ccagatatat	caaggccttt	tggatctcag	480
ccttggcata	gctgtcacaa	actcatatat	gtcagaccaa	atcctaaaac	tggggttcct	540
ataggtcatt	ggcctgttcc	agagtctttt	tggccagatc	aaaattcgcc	aacactacca	600
cctcgtacat	ctcatcctgt	agtgaagttt	tctgtacag	actgtgaacc	aatggttatt	660
gataaacttc	cttttgacaa	atatgagttg	gaaccttcac	cactgactca	atttatcctg	720
gaaaggaaat	ctcctcaaac	atgttggcag	gtgtacgtga	gcaatagtgc	aaaatacagt	780
gaacttggtc	atccttttgg	ttacttgaaa	gccagtacag	cactgaactg	tgtcaactta	840
tttgtgatgc	cttacaatta	tccagtcctt	cttccctctc	tagatgactt	gtttaaagtg	900
cataaagcaa	aaccaacatt	gaagtggaga	cagtcatttg	aaagttattt	gaagacaatg	960
cctccctact	atcttggggc	cttgaagaaa	gctgttagga	tgatgggagc	acctaacctt	1020
atagcagaca	gtatggaata	tggacttagt	tacagtgtca	tttcatacct	caaaaaacgt	1080
gagtcaacag	gccaaaatag	aatctgatcg	agtcattgga	tctgtaggca	aaaaagtagt	1140
acaggagact	ggaataaaa	tccggagccg	atcacatggg	ttatcaatgg	catataggaa	1200
agattttcaa	caactcctcc	aggggaatttc	agaggatgtc	cctcacagac	tgctagacct	1260
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gacatttaga	aatgcttatg	acataccaag	acgaaatctt	ttggatcact	taacaagaat	1380
gagatctaata	cttttgaaga	gcactcgcag	atttctgaaa	ggacaggacg	aagatcaagt	1440

gcacagtgtt	cctatagcac	aaatggggaa	ctaccaggaa	tacctcaagc	aagtaccttc	1500
tccactaaga	gaacttgatc	ctgatcagcc	acgaagggtg	catacatttg	gcaacccctt	1560
taagctggat	aagaagggtg	tgatgataga	tgaagcagat	gaattttgtg	ctggacctca	1620
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tcataaaaatt	tcagaaacca	ctaattgattc	gataatacat	gatgtgggtg	aaaatcatgt	1860
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ttctccagcc	agtttactgg	aacggccaac	caatcatatg	gaggctcttg	gtcatgacca	1980
tttaggaacc	aatgacctca	ctgttgggtg	atttttagaa	aatcatgagg	agccaagaga	2040
taaagaacaa	tgtgctgaag	agaacatacc	agcatcttca	ctcaacaaag	gaaagaaatt	2100
gatgcattgc	agaagccatg	aagaggtcaa	tactgaacta	aaagcacaaa	taatgaaaga	2160
gatccgaaag	ccaggaagaa	aatatgaaag	aatcttcact	ttactgaagc	atgtgcaagg	2220
cagttttacaa	acaagactaa	tattttttaca	aaatgtcatt	aaagaagcat	caaggtttaa	2280
aaaacgaatg	ctaatagaac	aactggagaa	cttcttggat	gaaattcatc	gaagagccaa	2340
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tcttcttcaa	atacaaagta	aatacaagac	tgttgtgac	ttgcattcat	ttctgacat	2460
gcattgttgg	ctatttgaaa	tactaaaagc	aaatctacag	atcctttttc	catcatttta	2520
cagtgcactt	ttcttcattt	tggtttattt	ttgtaatgtg	aaaagtatca	ctctaaaaaa	2580
cattttttaat	ttaacaaact	aaaaatattc	ctccaaatct	cttgcttgtc	attgactctt	2640
gcgtgtcaat	ttccctcagg	ttctattttc	ttaaaccaac	ctttaaaatt	gtcacctctg	2700
ttaaggttga	actttgccaa	aaaaaaaaaga	agttactttg	taatttttgg	ggaaaaaagc	2760
acatacatta	aaactaggta	atgtttttgt	tatacagtta	ttttggatat	attattgtaa	2820
gttgtacaaa	tgtattttcg	agaatatttt	aagtacaagg	cacttttgtt	attccatcaa	2880
taaatgctct	attttactct	tgtgtggttt	aggaaataat	cacattttaa	gctaattcatt	2940
taaaaacatc	ctaagataat	ggaattttta	aggccttgct	tttttagcatt	ggaaaaatac	3000
accacttgaa	gttcatgttt	gttaagccta	actgtaatta	catgtttacat	aatctgcatt	3060
gcctttttac	tatatgttcg	tagtttttgt	tggccatgcc	aacatactcc	catttctgcc	3120
tagattatgg	gaatgacttt	gtatggggca	gatagacaga	tactttaaaa	gctattttaa	3180
aagc						3184

<210> 3481

<211> 2513

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (26)...(951)

<223> similar to gi437664 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3481

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acaagatgca	agtgagaaat	agcaaagctt	cttttttgaca	agttaaagat	ggatgtttgt	120
cagaaagtgg	atttacttgg	agctagtcgc	tgcaatatgc	tatctcattc	gctcactacc	180
taccagagaa	cactgcttgg	attctggaag	aaaacagctc	gaatgatgtc	ccaaattcat	240
gaagcctgta	ttggctttca	tccgtatgat	tttgtagctc	tcaagcaact	acaagacacg	300
ccaagcaaga	ttagtgaaga	caataaagat	gaacaaatag	gcggttttct	tactgaacag	360
ctcaataaagc	tagttttgtc	tgatgaggaa	gcaagctttg	agagtgaaca	agcaaacaaa	420

gatcacaatg	aaaaacattc	tcaaatgaga	gaatttggag	cacctcagtt	ttctaactct	480
gaaaatggtg	caaaagatct	acctgtagat	tcattggaag	gagaagattt	tgagaaggaa	540
ttctcatttc	tgaacaacct	cctaagttct	ggttcttcaa	gtactagtga	atttacccaa	600
gaatgccaga	ctgccttttg	gagccccagt	gccagtctca	catcccagga	gccttccatg	660
gggtctgagc	ccctcgctca	ttcttctcga	ttccttccct	cacaactctt	tgaccttggc	720
tttcatgtgg	ctggagcgtt	caacaactgg	gtctcccaag	aggaatcaga	actttgtctt	780
tcacacactg	ataaccagcc	agtgccttca	cagagtccaa	agaaattaac	aagatccccc	840
aacaatggca	accaagacat	gtcagcctgg	ttcaatctgg	ttgcagactt	ggatccactt	900
tcaaacccag	atgctattgg	acactcagat	gatgaacttc	ttaatgcttg	actgaagtta	960
taatgtcact	tcagtggcct	tgagacatca	atcttgcaac	gtatttcctt	cgtggaaagg	1020
atthagattg	taaccgcac	acaaaagcac	ggtgtttgtg	aatataacac	ctgtcagcca	1080
acttttagaca	gatggtaaag	accacatttg	aataagtaca	catctttcat	atcttggatt	1140
tgacagtgtt	ggtactatgt	ggaaaatatt	agaaacttct	atgtggaaaa	tattagaaac	1200
tacagagttt	gcgatattta	gatactgaaa	tttatgtcaa	aataacggct	aggaataatt	1260
ctgtcaatat	ggagttgagc	ttatttcttt	ggaaaccctt	ttaagttgcc	ttgttggtg	1320
tgagaatttt	atatgtggat	aacaaagata	gatagatagc	atgtaaattg	ggttgtgggt	1380
tggggtcagt	ttttaaatga	aatagtagcg	aggaggattt	tctgttttgg	aaaacaccat	1440
tagaaccaga	ccagctttgt	tttgggttag	agagagtaag	atgtgagaac	tcagtttgct	1500
ttaatgaaat	cacagagaaa	cttgggtactt	gtttttcttc	atgtggaggc	taaaatgtaa	1560
tgttttttca	ttcatacaaa	ataatggaca	ctccctaatt	ccattattaa	atcttgaagg	1620
ggaagtagca	ggataattaa	tttgctaagc	ccatcctctg	cagaaacaga	aaaatctatc	1680
ttcccatctc	ctaaaactca	gaatgcacag	taataacttaa	ggcttgtaca	agtgtcttca	1740
gaccactttt	ttcatacact	tgctatatag	tagtatgcag	tatttatatt	attcctgaaa	1800
ataaaatgag	gggagaatat	tccttaagca	actggcaata	gtattcctga	aatacctaga	1860
aatttctatc	tgaatgaggg	agacacttat	gaacacctta	tccttacata	tatttgcata	1920
cttatctcat	attttgtgac	ataattatct	aaccagaat	actttctggc	agacatacag	1980
aaagctctgt	gtgactcaata	aggagtgctc	tcatttttct	acttccctct	ttctgtgggt	2040
gacatgatct	gaggttctat	ttgattacta	agcaaaatct	gttaccctta	cagggtttag	2100
aacctaagta	ttagagagga	aggctattta	atggaagtta	gtgtaagctg	ataaaaacgt	2160
agctaccgta	cacacacatc	aatcactcaa	tttcctgtcc	ttttaaattg	cccacccttt	2220
aattttgaag	caatttccca	agtgtgtggt	tgttttatat	ttgtcatcca	gtccattgca	2280
tttccataag	aagacatttt	gactggctgg	gtgcgggtgg	tcacgcttgt	aatcccagca	2340
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atggtgaaac	cccgtctcta	ctaaaaatac	aaaaaattag	ccaggcgtgg	tggcacgtgc	2460
ctgtagtccc	agctactccg	gaggctgagg	caagagaatg	gcgtgagccc	ggg	2513

<210> 3482

<211> 2867

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1984)

<223> similar to gi3818572 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3482

cttcctcttc	tccacgcagg	cttcaacagg	agatttatgg	agaatagcag	cataattgct	60
tgctataatg	aactgattca	aatagaacat	ggggaagttc	gctcccagtt	caaattacgg	120

gcctgtaatt	cagtgtttac	agcattagat	cactgtcatg	aagccataga	aataacaagc	180
gatgaccacg	tgattcagta	tgtcaaccca	gccttcgaaa	ggatgatggg	ctaccacaaa	240
ggtgagctcc	tgggaaaaga	actcgtctgat	ctgccccaaa	gcgataagaa	ccgggcagac	300
cttctcgaca	ccatcaatac	atgcatcaag	aagggaaagg	agtggcaggg	ggtttactat	360
gccagacgga	aatccgggga	cagcatccaa	cagcacgtga	agatcacccc	agtgtattggc	420
caaggaggga	aaattaggca	ttttgtctcg	ctcaagaaac	tgtgttgtac	cactgacaat	480
aataagcaga	ttcacaagat	tcacgtgat	tcaggagata	attctcagac	agagcctcat	540
tcattcagat	ataagaacag	gaggaaagag	tccattgacg	tgaaatcgat	atcatctcga	600
ggcagtgatg	caccaagcct	gcagaatcgt	cgctatccgt	ccatggcgag	gatccactcc	660
atgaccatcg	aggctcccat	cacaaagggt	ataaatataa	tcaatgcagc	ccaagaaaac	720
agcccagtc	cagtacgga	agccttggac	agagttctag	agattttacg	gaccacagaa	780
ctgtactccc	ctcagctggg	taccaaagat	gaagatcccc	acaccagtga	tcttgttggg	840
ggcctgatga	ctgacggctt	gagaagactg	tcaggaaacg	agtatgtgtt	tactaagaat	900
gtgcaccaga	gtcacagtca	ccttgcaatg	ccaataacca	tcaatgatgt	tcccccttgt	960
atctctcaat	tacttgataa	tgaggagagt	tgggacttca	acatctttga	attggaagcc	1020
attacgcata	aaaggccatt	ggtttatctg	ggcttaaagg	tcttctctcg	gtttggagta	1080
tgtgagtttt	taaactgttc	tgaaccact	cttcgggcct	ggttccaagt	gatcgaagcc	1140
aactaccact	cttccaatgc	ctaccacaac	tccacccatg	ctgccgacgt	cctgcacgcc	1200
accgctttct	ttcttgaaa	ggaaagagta	aagggaaagc	tcgatcagtt	ggatgaggtg	1260
gcagccctca	ttgctgccac	agtccatgac	gtggatcacc	cgggaaggac	caactctttc	1320
ctcctgcaat	gcaggcagtg	agcttgctgt	gctctacaat	gacacctgct	gttcctggag	1380
agtcaccaca	ccgccctggc	cttccagcct	cacgggtcaag	gacacaaaaa	tgcaacattt	1440
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caagccaatg	gcagctgaga	ttgaaggcag	cgactgtgaa	tgcaaccctg	ctgggaagaa	1620
cttccttgaa	aaccaaattc	tgatcaaacy	catgatgatt	aagtgtgctg	acgtggccaa	1680
cccatgccgc	cccttggaac	tgtgcattga	atgggctggg	aggatctctg	aggagtattt	1740
tgacacagact	gatgaagaga	agagacaggg	actacctgtg	gtgatgccag	tgtttgaccg	1800
gaataacctgt	agcatcccca	agtctcagat	ctctttcatt	gactacttca	taacagacat	1860
gtttgatgct	tgggatgcct	ttgcacatct	accagccctg	atgcaacatt	tggctgacaa	1920
ctacaaacac	tgggaagacac	tagatgacct	aaagtgcaaa	agtttgaggc	ttccatctga	1980
caggctaaag	ccaagccaca	gagggggcct	cttgaccgac	aaaggacact	gtgaatcaca	2040
gtagcgtaaa	caagaggcct	tcctttctaa	tgacaatgac	aggtattggt	gaaggagcta	2100
atgtttaata	tttgaccttg	aatccattcc	aagtccecca	aatttccatt	ccttagaaaag	2160
ttatgttccc	atgaagaaaa	atatatgttc	cttttgaata	cttaaatagac	agaacaaata	2220
cttgggcaaa	ctccctttgc	tctgcctgtc	atccctgtgt	acccttgtca	atcccatggg	2280
ggctggttca	ctgtaactag	caggccacag	ggaaggcaaa	gccttgggtg	cctgtgagct	2340
catctcccgg	gatgggtgac	taagtaggct	taggctaggt	gatcagctca	tcctttacca	2400
taaaagtc	cattgctgtt	tagcttgact	gttttccctca	agaacatcga	tctgaaggat	2460
tcataaggag	cttatctgaa	cagatttatc	taagaaaaaa	aaaaaaccca	cttaaaatag	2520
gggaagcaac	taggaccaa	ttacagataa	actagtttagc	ttcacagcct	ctatggctac	2580
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ttcctttatt	tctggctcac	agaggcagcc	acgaggcact	acaccaagta	ttatataaaa	2820
gccattaaat	ttgaatgccc	ttggacaagc	ttttcttaaa	aaaaaaa		2867

<210> 3483

<211> 1091

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (15)...(798)  
 <223> similar to gi6002700 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3483

tttcgtagag	cagcaccag	cagcgccccg	gggtccccgc	gggaccgcgg	ccactggacg	60
gatacctcgg	agtggcggac	cacaagcccc	tgaaaatgca	ctgcagggac	tgtgccctgg	120
tgaccagctc	agggcatctg	ctgcacagtc	ggcaaggctc	ccagattgac	cagacagagt	180
gtgtcatccg	catgaatgac	gccccacac	gcggctatgg	gcgtgacgtg	ggcaatcgca	240
ccagcctgag	ggtcacgcg	cattccagca	tccagaggat	cctccgcaac	cgccatgacc	300
tgctcaacgt	gagccagggc	accgtgttca	tcttctgggg	ccccagcagc	tacatgcggc	360
gggacggcaa	gggccaggtc	tacaacaacc	tgcattctct	gagccagggtg	ctgccccggc	420
tgaaggcctt	catgattact	cgccacaaga	tgctgcagtt	tgatgagctc	ttcaagcagg	480
agactgggca	aagacaggaa	gatatccaac	acttggtctc	gactgggtctg	gtttacaatg	540
acaattgcac	tggagctctg	tgacaggatc	aatgtttatg	gcatggggcc	cccagacttc	600
tgacgggac	ccaatcacc	ttcagtacct	tatcattatt	atgaaccttt	tggacctgat	660
gaatgtacaa	tgtacctctc	ccatgagcga	ggagcgaagg	gcagtcacat	ccgctttatc	720
acagagaaac	gagtctttaa	gaactgggca	cggacattca	atattcactt	ttttcaacca	780
gactggaaac	cagaatcact	tgctataaat	catcctgaga	ataaacctgt	gttctaagga	840
atgagcatgc	cagactgtaa	tcccagggtat	tcactgcac	agacaccgag	acactgaact	900
tcctgagcca	ccagacagga	aagggtagca	gaaaacagct	tcactcctca	ggaagtacca	960
tgacagacg	cctaccagg	gtgacaaagc	agtgcagttg	gattgtaagg	aaaaattccg	1020
gaattaatgc	atcctaata	atgttgctcc	cttcaatggt	gttaccttaa	gagctgaaca	1080
ttcaattcag	g					1091

<210> 3484  
 <211> 1129  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(738)  
 <223> similar to gi994773 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3484

tcaagttcag	gagacaggaa	gcgaacggcg	cgagaggaac	aggatgcacg	gcctcaacga	60
cgctctggac	aacttaagaa	aagtgggtccc	ctgttattct	aaaaccaga	aactgtccaa	120
aatagagact	ttacgactgg	ccaaaaacta	catctgggca	ctttctgaaa	ttctgagaat	180
cggcaagaga	ccagatctgc	tcacattcgt	ccaaaactta	tgcaaaggctc	tttcccagcc	240
aactacaaac	ttggtggcag	gctgcttgca	gctcaacgcc	aggagtcttc	tgatgggtca	300
gggtggggag	gctgcacacc	acacaaggctc	accctactct	accttctacc	caccctacca	360
cagccctgag	ctcaccactc	ccccagggca	tgggactctt	gataattcca	agtccatgaa	420
accctacaat	tattgcagtg	cgatgaatc	cttctatgaa	agtacttccc	ctgagtgtgc	480
cagccctcag	tttgaaggctc	ccttaagtcc	tcccccaatt	aactataatg	ggatattttc	540

cctgaagcaa	gaagaaacct	tggactatgg	taaaaattac	aattacggca	tgcattactg	600
tgcagtgcc	cccaggggtc	cccttgggca	gggtgccatg	ttcaggttgc	ccaccgacag	660
ccacttccct	tacgacttac	atctgcgcag	ccaatctctc	acaatgcaag	atgaattaaa	720
tgcagttttt	cataattaat	gaggaaaatg	aaaataaaca	gtggtcattc	acctcccctg	780
tctaattaag	acaaagcaga	tgcttgtggg	ctgagtaatt	ggcacaactc	tatctaaggt	840
gtttactagt	ttctgaagtg	tgtttcaact	attgtgagaa	ttttctatgt	aataataaat	900
ctcttttcgt	atgagaactt	cttttccctt	ccttttgtct	gtgaagcact	gtgattctgt	960
ttctactgga	aagatttttt	tctttttaat	tttcttttaa	acttatttaa	tttgtttgaa	1020
caaggtgtct	aagaatatac	tggtgaataa	agacatgcac	acagcataat	tcaatgtcta	1080
ttttggttgt	acagtaatta	taaaatgcat	gttattaaaa	ccagatgag		1129

<210> 3485

<211> 884

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (14)...(507)

<223> similar to gi5771535 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3485

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<210> 3486

<211> 6527

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3049)

<223> similar to gi5410204 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 3487

<211> 4380

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4383)...(1310)

<223> similar to gi3882293 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 3488

<211> 1224

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1152)...(0)

<223> similar to gi3347848 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gagaagaggg acgaggggtg cgaagggccg gcgagtgtt agtggtcttg gctctggggg      180
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cgaacctagg gaagagggcc ctgctggaag gaataaataa gggatggagc tggagtgggc      300
aggcccagcc tccaggggtc aggctgagat gacaagggag aaggttaccc tgagattgaa      360
cagaaaagac aggggtgtg ggagagacag gcgggacaag cagcaggccc atgcgcaggg      420
ctggggtgag gggggtgtgc caggtgggcg ctctggtgac tggctgcccc ttcagcatta      480
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caggggtggg ttgactgtgg ggctgtggat gggacagtct caaactccat gttccccccag     1140
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ggtagccaga atccattct tccc                                           1224

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<210> 3489

<211> 2647

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2431)

<223> similar to gi5305411 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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tccagcacgg ggcctctcca gcccacccc aagaagcctg aagatgaacc ccaggagacg      180
gcatacagga cccaggtgtc cagctgctgc ctccatatct gtcaaggcat cagaggactt      240
tggggaacaa ccctgactga gaacacagct gagaaccggg aactttatat caagaccacc      300
ctgagggagc tgttggtata tattgtgttc ctggtggaca tctgtctact gacctatgga      360
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gcccagggcc cactactgga cagtttgtat tggaccaa at ggtacaacaa ccagagcctg      540
ggccatggct cccactcctt catctactat gagaacatgc tgctgggggt tccgaggctg      600
cggcagctaa aggtccgcaa tgactcctgt gtggtgcatg aagacttccg ggaggacatt      660
ctgagctgct atgatgtcta ctctccagac aaagaagaac aactccccct tgggcccttc      720
aatggcacag cgtggagcga cactcgcag gatgagttgg ggggcttctc ccactggggc      780
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cgtcttcate	ttctactatg	tgggtgaaga	gacccctggag	ctccacattc	accggcttcg	1140
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<210> 3490

<211> 2354

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (562)...(679)

<223> similar to gi3493529 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3490

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tggcttattg	atgggagcat	tgtatgctgc	tgaacacctc	ttacttgggg	gttctcccca	180
gagacagaga	agaaaaccta	aggcaggcat	tagtcttgga	aaccagtacc	agctagtatc	240
tcattgccaat	gaaaagcatc	caggacaagc	atgtttgcaa	aaaacaagca	tgtcctgtct	300
ctttcacatc	tctggcacat	ccatgatcac	cctgagtcag	acccaaataa	ggggcagcag	360



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atagatcatt	tgaagtatgt	aatcacctga	catgctaagt	gtctgtgtgt	gccggagaca	540
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atgtctagat	cacaaatttt	aagaaattat	aggagctgag	tttggtagat	ctaagagctg	960
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<210> 3491

<211> 1030

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(798)

<223> similar to gi5912208 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3491

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agagattgat	ccagaccaac	ccaaaagact	gcatactttt	ggcaatccgt	ttaaacaaga	180

taagaagggga	atgatgattg	atgaagcaga	tgagtttgta	gcagggccac	aaaacaaagt	240
gaaacgtcca	ggggaaccca	acagtcctat	gtcatctaag	agaaggcgga	gtatgtccct	300
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tattttcctg	ttttttcccc	ttatttcttg	gaatgtttcc	ttttgctgcc	gcaacaagtt	1020
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<210> 3492

<211> 8053

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3586)

<223> similar to gil665825 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3492

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<210> 3493  
 <211> 4779  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (178)...(3458)  
 <223> similar to gi3776088 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3493

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tcagatgagt	attgccctgc	ttgtaaaag	aagggaaaag	taaaagcctt	aaagacttac	360
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aagcctcaga	aaaggaagag	cttagaaaag	agctataagg	attcacttct	tttagcaaat	540
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atggctacta	caaaagatcc	tgctacagtt	gatgtctctg	gaactggcag	accttcccct	780
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ccagcagttt	gaggccacag	tgagccatga	tcgtgccact	gcaactccagg	ctaggtgaca	4740
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<210> 3494

<211> 1528

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(226)

<223> similar to gi836883 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3494
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caccctggat ggcggagagc tcatagtcaa ctacagagca caagccagtc aggccacacc 180
agtcaacctg accaaccatt cttacttcaa cctggcaggc caggcttccc caaatataaa 240
tgaccatgaa gtcaccatag aagcggatac ttatttgcct gtggatgaaa ccctgattcc 300
tacaggagaa gttgccccag tgcaaggcac tgcattcgac ctgagaaagc cagtggagct 360
tggaaaacac ctgcaggact tccatctcaa tggttttgac cacaatttct gtctgaaggg 420
atctaaagaa aagcattttt gtgcaagggg gcatcatgct gcaagcgggc ggggtactaga 480
agtatacacc acccagcccg ggggtccagtt ttacacgggc aacttctctg atggcacatt 540
aaagggcaag aatggagctg tctatcccaa gcaactccgg ttctgcctgg agactcagaa 600
ctggcctgat gcagtcaatc agccccgctt cctcctctgt ctgctgaggc ctggtgagga 660
gtatgaccac accacctggg tcaagttttc tgtggcttaa ggaagtgtga agatatgatc 720
cagtcacagg ctaggctcag ccacctgtct cctgtccaga aaaaagggtg agattaagaa 780
gctttcagaa tgattctatg gattaaaatc atacaaatgg tggctgttct gagaatcagt 840
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gcttgaacct gggaggtgga ggttgcatg agccgagatc atgccactgc actgggcaac 1500
agagcaaaac tcgatctcaa aaaaaaaa 1528

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<210> 3495

<211> 1404

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (13)...(959)

<223> similar to gi5926736 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3495
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aaccttgctt atggagaaga aaagaagaaa aagtgcatac cgtatgtgaa gacctacctg 180
ttgcccagca gatcctccca gggaaagcgc aagactggag tccaaaggaa caccgtggac 240
ccgacctttc aggagacctt gaagtatcag gtggcccctg cccagctggt gaccggcag 300
ctgcaggctc cgggtgtggca tctgggcacg ctggcccgga gagtgtttct tggagaagtg 360

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atcattcctc	tggccacgtg	ggactttgaa	gacagcacia	cacagtcctt	ccgctggcat	420
ccgctccggg	ccaaggcgga	taaatacgaa	gacagcggtc	ctcagagtaa	tggagagctc	480
acagtcggg	ctaagctggg	tctcccttca	cggcccagaa	aactccaaga	ggctcaagaa	540
gggacagatc	agccatcact	tcatgggtcaa	ctttgtttgg	tagtgctagg	agccaagaat	600
ttacctgtgc	ggccagatgg	caccttgaac	tcatttggtta	agggtgtct	cactctgcca	660
gaccaacaaa	aactgagact	gaagtcgcca	gtcctgagga	agcaggcttg	cccccagtg	720
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caattatgtt	acctaagcct	ctgggtgggt	atctctctct	tgagatgtag	aaaatggcca	1200
gattttaata	aacgttggtta	cccatgtcct	ccagtgttta	tcaaagtagg	taaaaggccg	1260
gctggtgggc	atggtgactc	ccccctgtga	tcccagcaac	tttgggaggc	tgcagtggat	1320
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accaaaaaat	tatccagggg	tggg				1404

<210> 3496

<211> 1816

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1698)...(0)

<223> similar to gil552275 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3496

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catcagcagc	agcgggagct	ggggcacggg	cgtggtgcca	gaggcataca	gacaggtggt	420
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gcagacccca	gcagagtagc	tgactgagtt	atagacgtag	tagcgctgca	gtgtgctctg	540
gtcgccagcg	atgcggtcca	gcactgtgtg	catggagtgg	gcgctggcgt	ccggcaccct	600
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<210> 3497

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (343)...(146)

<223> similar to gi4519602 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3497

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gcaggaagtg	ggcaggcgcc	tctagatgaa	atattccctc	ttgtcgtccc	ctcctgactg	180
cccgccttct	gcattgatga	tggccgtgtc	cgcgtctgga	gcctcgtcgg	agccttttgc	240
ctcatgtgtc	agtggccgag	gaagatgagc	atgatgagca	gcaggaagac	aatgaaagcc	300
acgatcccac	cgatgatggc	gtgtcccgcc	cacttaagga	tattcctgga	agaagatgca	360
gtagctcctt	ctaccaccag	gcgtcagcac	tggaaacaga	cgcagtccaa	caggactccc	420
tctgcctggc	tgttgagcac	aaagcagagg	ggagatcagc	aagata		466

<210> 3498

<211> 3344

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3345)...(677)

<223> similar to gi5689457 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3498

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gtgacggatg	gcgacgtgct	gctggcatga	gacacacgga	gcagagggac	gagagccgtg	180
gggtcccaacg	ggggcccttg	gacaccactg	gcaatgagac	aatgggtgag	cacagagtcc	240
acgtggggga	cagaatcaac	ttattcacga	atactgtgtg	tttgaatatc	agatgagcag	300
atgcggttgg	cgaggctacc	atattttcca	gaaaagaaca	tgccccagaa	gataatatac	360
accccttagt	tttattgcct	taagaatgtg	tgtgtgtttc	acctttctcc	tctgttagtt	420
ctcccagtgc	ttttcttcta	tcacgcgcgc	tccttttccc	ttttgcttag	gagcaagcac	480
agtgaagtgc	gcagaacgat	ctgggcacac	atcagacacc	aaacgggtatg	ccactgggtc	540
acgagaacga	gtctgcagag	gctccatagg	acagacagca	cgcacatcaa	aaacaaggga	600
cagaagttgc	agtcagaaag	tgtgtgatac	cttcctgaaa	atacagtctt	cttgccaaaa	660
tgaaggtgac	tcttcaggat	gccacgttgc	tctgggaaag	ggaccttgac	atctctgtgt	720
ttacaaagta	cgtcttcagg	tcctcccttc	ctttcacgtt	gattattcct	cgacaggtgc	780
acgtgtatcc	gagggctctgc	aggacgaggc	tcgtctcttc	ggtaacctgt	atcttgtcca	840
ggactccggt	gctgtccatc	ctactggcca	cattgacagt	gttgccccag	atatcatatt	900
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gaatttgttc	ttccataaga	agtctaacct	acagtaatat	tcattctgtc	taccagaac	1500
aagcagtgtg	atgaagaata	tagagagaga	cacagagccc	atggcttcca	ggcttttcca	1560
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tctgcacaat	gaagatgcag	aagaatatga	gacaggcaca	agtcacataa	tacttgaacg	2160
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gaatcatcct	ttcattcaat	tcttcttcaa	atctcttctt	ttgtgacttg	gttcttaagg	2340
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ccaagtaccg	ggtcatgcgg	accgaggccc	tcattttggc	tccatcaagg	gtgtggcgag	2520
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tcaccagggtg	ctgtttttaa	tatgggtccc	taatgtcacc	atctcctccc	tccactttat	2640
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ctcctaaaat	tttaattctc	atgcattcat	tctcctttgc	aatttgatca	aactttccaa	3000
agagctcatt	cagcatgtgg	actagtcttc	ccggggagca	gtcacttgcc	agccgggtaa	3060
agccaacgat	gtcagcgtat	aagatgctca	cgtttgtatg	ccgcttcaca	tacaggttgt	3120
ggaagttatt	tgtgttctcc	atctggcccc	ccttggggcc	ctgcagcctc	tggatgatct	3180
ccgctttcat	ctccatggcg	atgtggggcg	gcagcagggg	gagcagaagc	cgctcctgtt	3240

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gacgttttttc aaattccaac ttgatccgcg acttgatgca atttacaggt gtcctgatat 3300
gtttgctgaa gagcgagttc catgaggtgc ttatggtagg ctcc 3344

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<210> 3499
<211> 2891
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2138)
<223> similar to gi4426597 in the genepept database release 114,
Run with FASTXY 3.3t00; default parameters

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<400> 3499
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ctggaggagt ttgaggatga agacctctcg gagatcactg atgagtgtgg catcagctta 180
cagtgcaaag acaccctgtc cttacggccc ccgcgcgcgg ggctgctctc tgcggggcggc 240
ggcggcgcgg ggagccgggt gcaggccgag atgctgcaga tggacctgat cgacgcgacg 300
ggggacactc ccggggccga ggacgacgag gaggacgacg acgaggagcg cgcggcccg 360
cggccgggag cggggccgcc caaggccgag tccggccagg agccggcgtc ccgcggccag 420
ggccagagcc aaggccagag ccaggcccg ggacgcgggg acacgtaccg gcccaagcgg 480
cccaccacgc tcaacctctt tccgcagggt ccgcggtctc aggacacact gaataataat 540
tctctgggca aaaagcacag ttggcaggat cgggtgtctc gatcatcctc acccctgaag 600
acaggggagc agacaccacc gcatgaacac atctgcctga gcgatgagct gcccccccag 660
agcggccccg cccccaccac agatcgaggc acctccaccg acagcccttg ccgcgcgacg 720
acagccaccc agatggcacc tccgggtggt ccccggtgtg ccccgactg ggggtcgggg 780
ccactcgcat cgagaccgaa tccactacca gtccgatgtg cgaatagagg ccactgagga 840
gatctacctg accccagtgc agaggccccc ataatttgc agagcccacc tccgccttca 900
taccgcccc agagagccgg atgtcagtca gatttattgc agaccctgcc gcttaccct 960
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tcctgaacgt cttcatgagt ggccgctccc gtcctccag tgcctgagtc ttcgggctgt 1440
tctcctgcat catcaacggg gaggagcagg agcagacca ccgggccata ttcaggtttg 1500
tgcctcgaca cgaagacgaa cttgagctgg aagtggatga ccctctgcta gtggagctcc 1560
aggctgaaga ctactggtac gaggcctaca acatgcgcac tggtgcccgg ggtgtctttc 1620
ctgcctatta cgccatcgag gtcaccaagg agcccagca catggcagcc ctggccaaaa 1680
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tcaccaagca ccccgccgac caccggtttg cctgccacgt ctttgtgtct gaagactcca 2040
ccaaagccct ggcagagtcc gtggggagag cattccagca gttctacaag cagtttgtgg 2100

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agtacacctg	ccccacagaa	gatattctacc	tggagtagct	gtgcagcccc	gccctctgcg	2160
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gaggaggggc	acctgccacc	gccagaggac	aaggaagtgg	gggccgctgg	cccagggtag	2280
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gtctctggca	gagaaggatg	tccgttccag	gagcacacgg	ccctgccccca	tcctgggcct	2460
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gaaaaaaaaa	a					2891

<210> 3500

<211> 1062

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(892)

<223> similar to gi4102715 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3500

gggttaggag	aaagagacag	gtgtatggca	ccgacagcag	gttcagcctc	ttggacaaaa	60
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ttctcatttc	ccctcagcat	gttctaactg	ctgcccactg	tgttcatgat	ggaaaggact	180
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gcaagaaacg	tcgaggttct	aagaggagca	ggagagaagc	tagtgggtgt	gaccaaagag	300
agggtaggag	agagcatctg	caggagagag	cgaagggtgg	gagaagaaga	aaaaaatctg	360
gccgggggtca	gaggattgcc	cgaaggaggg	ccttcctttc	agtggacccg	ggtcaagaat	420
acccacattc	cgaagggtct	ggcacgagga	ggcatggggg	acgctacctt	ggactatgac	480
tatgctcttc	tggagctgaa	gcgtgctcac	aaaaagaaat	acatggaact	tggaatcagc	540
ccaacgatca	agaaaatgcc	tgggtggaatg	atccacttct	caggatttga	taacgatagg	600
gctgatcagt	tggctctatc	gttttgcagt	gtgtccgacg	aatccaatga	tctcctttac	660
caatactgcg	atgctgagtc	gggctccacc	ggttcggggg	tctatctgcg	tctgaaagat	720
ccagacaaaa	agaattggaa	gcgcaaaatc	attgcggtct	actcagggca	ccagtgggtg	780
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gagatcactt	cataggttat	gcctggactt	gaactctgtc	aatagcattt	caacattttt	1020
caaaatcagg	agattttcgt	ccattttaaaa	aatgtatagg	tg		1062

<210> 3501  
 <211> 1873  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1789)...(395)  
 <223> similar to gi2662167 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3501

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aaaagaatac	acatatcaat	ataaagcaca	gaagtatagc	ttactcagga	tgaatagatt	120
cattatcagg	tcacgttgca	aaaataccta	aaatatctca	atztatatac	tatatagcac	180
aataaaaaatc	agcacatggt	caggatctca	agattaattg	gtatccataa	aatggcctcc	240
ctcaatcaac	atgggaaacc	taaggattgg	atttattaat	taccaatatg	cattgggggtt	300
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cacttccctt	gtcacagcca	tagcctccct	gtaggtcact	gtatgtgtcc	tggtcattgc	1860
tccatcacca	gct					1873

<210> 3502  
 <211> 2515  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (31)...(1190)  
 <223> similar to gi3170538 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3502

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ttttccaacc	tttgtttatt	tgtattgatg	ccctttgcct	ttttctttct	ggaatcagaa	180
ggctttgctg	gcctgaaaaa	gggaatccga	gcccgcattt	tagagacttt	gggcatgctt	240
cttcttcttg	cgttactcat	tcttgggata	gtgtgggtag	cttcagcact	cattgacaac	300
gatgccgcaa	gcatggaatc	tttatatgat	ctctgggagt	tctatctacc	ctatttatat	360
tcctgtatat	cattgatggg	atgtttgtta	cttctcttgt	gtacaccagt	tggccttttc	420
tcgtatgttc	acagtgatgg	gtcagttgct	agtgaagcca	acaattcttg	aagacctgga	480
tgaacaaatt	tatatcatta	ccttagagga	agaagcactc	cagagaccga	ctaaatgggc	540
tgtcttcac	cgggtggaata	caacataatg	gagttggaac	agaacttga	aaatgtaaag	600
actcttaaga	caaaattaga	gaggcgaaaa	aaggcttcag	catgggaaag	aaatttggtg	660
tatcccgtcg	ttatggttct	ccttcttatt	gagacatcca	tctcggtcct	cttgggtggt	720
tgtaatatcc	tttgccattt	ggttgatgaa	acagcaatgc	caaaagggaac	aagggggcct	780
ggaataggaa	atgcctctct	ttctacgttt	ggttttggtg	gagctgcgct	tgaatcatt	840
ttgattttct	atcttatggg	gtcctctgtt	gtcggcttct	atagccttcg	attttttgga	900
aactttactc	ccaagaaaga	tgacacaact	atgacaaaaga	tcattggaaa	ttgtgtgtcc	960
atcttggttt	tgagctctgc	tctgcctgtg	atgtcgagaa	cactgggaat	cactagattt	1020
gatctacttg	gcgactttgg	aaggtttaat	tggctgggaa	atctctatat	tgtattatcc	1080
tacaatttgc	tttttgctat	tgtgacaaca	ttgtgtctgg	tcgaaaatt	cacctctgca	1140
gttcgagaag	aacttttcaa	ggccctaggg	cttcataaac	ttcacttacc	aaatacttca	1200
agggattcag	aaacagccaa	gccttctgta	aatgggcata	agaaagcact	gtgagacgca	1260
cagacggcgt	cttctgccac	caagagaccc	gagaactcca	gattcacgac	attcctgtcc	1320
catgtagaag	catttccatt	caaccgtggc	ccctcttcag	aacctagacc	tatcagtgcc	1380
attttttttt	cataatctac	gaagaacttg	gctatggctg	atctttttta	aatttaactt	1440
tctgatggac	cctgtagttt	ccagctaagt	gcatattcct	tacagacata	tagaacagcg	1500
cattcttctg	tagacatttg	ctcatgttgg	taaatacaat	cacccatatg	aaaaaattgt	1560
tttcacctga	tatgaaaatg	ttagaaaagg	caaactccgg	gacttctaaa	gatttactta	1620
aatcccatta	tgtactttat	tcagaatgta	gaagctgact	tgaaaggcat	ccttggtact	1680
aagtgaagct	tattcagaaa	atgcattttt	caaatgcaat	gggcaactgc	ttgtagatat	1740
catttttgca	gtgtatgttg	gagctgtaat	ggttgcaatt	atgtttctta	tttccttaaa	1800
agcaaaaagc	gtagtctctg	atztatgtta	tagaatgata	ctgattagac	tttgagccaa	1860
ggggaaaata	ctaaattctt	ttaaacctgg	agccttagag	agccacagga	atatcttctg	1920
ttgtacagtc	taataagctg	tggtaggaa	tatcatgtaa	tcacagttta	atgacagttt	1980
atgtatatat	ataattcagt	attccctctg	ataacatagt	tgccagtgtt	taatacactt	2040
gtaacttgga	tttttacctt	ataggctata	tgtatactca	gttttttaaa	gcattttttt	2100
cagagatcac	ttaattcccc	atgcttctgc	aatgcatata	aaaactataa	atgccgagtg	2160
gtagaaactc	ctctttcttc	atagtcctca	ggctttgggt	acatttgcat	atgccatttg	2220
aagcctccag	cttttaccag	tttaacatcc	aaagttcaca	gcatcagcat	tcatgggtgta	2280
agaacagttt	tgcagtataa	cacgatctga	taatcattca	gttattaaat	tgtaaataat	2340
tattgggatg	gtttcttggc	tttaagtcca	ctgaataaaa	actatgaaat	tgcactctgt	2400
gtcaaccatc	cactagggtg	ggataccgaa	atctgtggca	tgcaaaaata	gggagatggg	2460
gcccatattg	cacacaattt	cgtagttatg	cagtctgcca	ttttaatttg	ttcac	2515

<210> 3503  
 <211> 1087  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1088)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1089)...(518)  
 <223> similar to gi3212996 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3503

tttttttttt	ttcactacaa	agtcctttat	taacaagtca	ataaaaacag	aagagagaga	60
gatgtcaaaa	tactttcctt	ggaggcccca	ggaggagag	gcaactgtcag	gactcacctg	120
gccagggaag	gcaacccac	cagaggcaga	acggagggtca	ggggggcagc	tggcccagga	180
agcctttggg	gaatggctca	ggcctcaggc	agggactgtg	caaacgccga	ggctgcgcag	240
ggagtgatgg	ggtgggggct	taagccccga	gcaccgtgtt	cccttgcctg	ggcagacacg	300
cagtcaggct	agcacctgcc	cactccacct	gtgagtgtac	acaggtgtcc	gcgtaaaagc	360
cggtgctgc	acgcagctta	catacagaga	gcggaacgag	ggtccccagc	agaacagggg	420
gctcgttcca	gagcttaagg	aaatagctta	gagaagtctt	tggaagcctg	ggtcgagggg	480
agagcagggg	ggctgctctg	ttgcccattg	gcctcaggaa	gccaggcctt	cctgccgccg	540
ctggaggacc	tcgatgacgc	tgccgatacc	gtcctcgggc	accagggcgt	ggtcgaagtt	600
gaaggtgctg	atgtagtagg	cagagatgtc	agcggcagcc	aggggacctg	caatctgtgc	660
cacgatgcca	cattcatcaa	agcccagggg	ctgtccaccg	atgcgcacca	tcctccacag	720
ctcccccgag	gagctggtea	gcaggaggtc	actggggaac	tttttctgtg	tttcagcatc	780
catgacaatg	gaagatataa	ccctcgatga	gggagaaggc	aaagaacgtg	atggagctgg	840
gttcaggact	gctagaggct	gcctccttgg	gggtgctgtg	cgagtagaag	aggacatcta	900
tgaggggtgt	ggcgatggct	ggaagcgtct	caggggtccag	tgtgaggaca	cagaagcggt	960
tctgtgggct	ctggatggga	tgcaccgtgg	ggctgggccc	atgctgagtg	cggggaaagc	1020
cattgctgga	atcatccctc	gtcacaggca	cnagctctcc	gccactcgc	ggtaaagtgc	1080
gaactcc						1087

<210> 3504  
 <211> 654  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (652)...(242)  
 <223> similar to gi1573605 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3504
tttttttttt ttggcttgag actgaacggt tttccatcat tttaaaatc agggatactc 60
gtcccaattg gcagggccca cccaagact gccggcccc agagccctgg ccagggccca 120
ggtctgggag ctgccctgg gaggcctggt gtgagtgggt gtactggagc tcagggtgcc 180
cccagttcct cttccggccc aggtggtctt caccaggcct acagcagggg gttgagggca 240
agcacccctt tcctgaggat gaggtttccg tagagggccg tctccccgt tgcacaaca 300
gcaaaagcct tcttagcccg ttcataaaac tcaaacctct ctatctttgc cagggtcttc 360
acacagccgg ccctgcgtag gatggactcg tactccgtcc aactgggggt ctgcaggccc 420
ctctccttgt cgctgggcac cagctccatg actgcagccg gactctccac ataggtgtcc 480
aggggcagca gcttcagcac ggctccagg agctgcgga tgcacaggc cgtctgcacc 540
gatctccatg ggccacaac tggcagatgg aggaggcccg ggaagttcaa gtccgaaagg 600
aacgatctcg tccccgtgcc ccatccgcgc ccagcgcaa agcaatttgg gggg 654

```

```

<210> 3505
<211> 2028
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2029)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (9)...(1045)
<223> similar to gi2764994 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3505
ggcacgagat ttccttagga gcaatttgtg cagtgttgct gggtattatg gggctatttg 60
caactagggtg taaccgcgag aagaaagaca ctagatccta taactgcagg gtggccgaat 120
caacttacca gcaccaccca aaaaggccat cccggcagat tcacaaaggg gacatcacat 180
tggtgcctac cataaatggc actctgccc tcatatctca tcacagatcg tctccatctt 240
catctcctac cttagaaaga gggcagatgg gcagccggca ggtcacaac agtcaccagt 300
cactcaacag tttggtgaca atctcatcaa accacgtgcc agagaatttc tcattagaac 360
tcacccacgc cactcctgct gttgagcagg tctctcagct tctttcaatg cttcaccagg 420
ggcaatatca gccaaagacca agttttcgag gaaacaaata ttccaggagc tacagatatg 480
cccttcaaga catggacaaa tttagcttga aagacagtgg ccgtggtgac agtgaggcag 540
gagacagtga ttatgatttg gggcgagatt ctccaataga taggctgctg ggtgaaggat 600
tcagcgacct gtttctcaca gatggaagaa ttccagcagc tatgagactc tgcacggagg 660
agtgcagggt cctgggacac tctgaccagt gctggatgcc accactgccc tcaccgtctt 720
ctgattatag gagtaacatg ttcattccag gggaagaatt cccaacgcaa cccagcagc 780
agcatccaca tcagagtctt gaggatgacg ctcagcctgc agattccggt gaaaagaaga 840
agagtttttc cacctttgga aaggactccc caaacgatga ggacactggg ggataccagc 900
acatcatctc tgctctcgga aatgagcagt gtgttccagc gtctcttacc gccttcctg 960
gacacctatt ctgaatgcag tgaggtggat cgttccaact ccctggagcg caggaaggga 1020
cccttgccag ccaaaactgt ggggttaccga cagggggtag cggcatgggc agccagtacg 1080
cattttcaaa atcccaccac caactgtggg ccgccacttg gaactcactc cagtgtgcag 1140

```



ccttcttcaa	aatggctgcc	agccatggag	gagatccctg	aaaattatga	ggaagatgat	1200
tttgacaatg	tgctcaacca	cctcaatgat	gggaaacacg	aactcatgga	tgccagtga	1260
ctggtggcag	agattaacaa	actgcttcaa	gatgtccgcc	agagctagga	gatttttagcg	1320
aagcattttt	gtttccatgt	atatggaaat	agggaacaac	aacaacaaca	aaaaaccctg	1380
aaagaactgg	caitgccaaa	tagttgcatt	tatcataaat	gtgtctgtgt	atattgaata	1440
ttaaatactg	tattttcgta	tgtacacaat	gcaagtgtga	ttattttaat	ctgtatttta	1500
aaaatacatt	tgtaccttat	atttatgtgt	aatttaacaa	acaaatttta	tttttttact	1560
cccatgacag	acatgttttt	cctagtctgt	tagaaactag	ccactgttca	aatctgatac	1620
actattcaac	cacaaagtgt	aaaggcactg	cttagattag	ttttgttggg	gaagaattat	1680
tatgttgtat	ggacaacccc	actgaagcat	ttatacaatt	cttaattcca	ttaagtgatc	1740
ccactttttt	tcaataactt	tttagaaatt	aaggaatcat	taaaattggt	aaggctattt	1800
tattgttatt	ttctctactt	tctactagcc	ccaatagttg	gaactcttat	aggggaaaat	1860
cggaaagata	aagtggaaag	gtttattttca	ggactgagga	aatatcttga	aggttatttta	1920
ttaggatgga	ctatctccaa	atggaacttt	tttattagga	cantgatgga	aaacaggaac	1980
caaaagtcca	atgtttncct	gactcccagg	gcccctacta	tttccagg		2028

<210> 3506

<211> 1151

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (824)...(170)

<223> similar to gi3878737 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3506

tttttttttt	ttgaagatcg	cacactttat	tttgaaaacc	aggccaggga	cagctccagt	60
ttgggggggag	gggaagagat	tataactttt	aaatctacta	cgaaaataca	aaaagaggaa	120
tgtgacaggg	ttccttcctg	tgttatgtca	ccgtctgtaa	tcagatccca	cagtccagcc	180
cagaatcata	attcacataa	cagcgaaact	catttgccaa	gttccgggtg	tgtcttggga	240
acaaacgtgc	acatcttcac	tccaaggagt	tctgctgcct	gttcttccat	gatggcacct	300
gtgccacagc	agaatcttgc	cccgcgtcag	gtacttgacg	gtttccgatg	tttttctgag	360
acattcctcc	gaaagatagg	gaggatctgc	tattacgatg	tcaaaactat	gtgcagcaat	420
tctttcgggt	aagtccaatg	gattattgta	atcatagaaa	ataaactcct	ctccatacat	480
ggcaaatcct	ttgtcatatt	caaagatgta	tatcgaaaag	ttttctctgc	acagctctct	540
gagtttctg	taaacactag	gggcactcac	acatgcgatt	ctgccacctt	ctcctacagc	600
tgcaattgcc	tcctgtgcca	gctgcagagc	agtttcctga	ctataccaaa	actggctcag	660
ttgccaattc	tcttctatta	ttccaatggt	atatttatca	tcctcgcctg	gctcaatttg	720
ttgcttttgc	tcagcataaaa	attcctggag	agctgctaag	gcatgggcag	aaagctgggg	780
tgtctcatca	tcttccaaat	cactcatttc	acaagttggt	tataaccag	gtgtggtggc	840
aggcacctat	agcgccagct	actcaggagg	ctgagacagg	agaatcgctt	gaaccagga	900
gatggagggt	gcagtcagct	gagatctcgc	cattgcactc	cagcctgaat	gacaggagt	960
agacagccgc	gcgtgcgcac	ccacgcgtcc	gcggacgcgt	gggctggcct	ccgttgcaac	1020
tgttttgacc	tagtgaaggc	ctagactttc	tcagacagat	ttcttttaac	tcttctgccc	1080
tgactccagt	cttactggg	atgctgcctt	gcacttgagg	aatgtgaacc	ttccctaagg	1140
ggacgcgtgg	g					1151

<210> 3507  
 <211> 2249  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1319)  
 <223> similar to gi5262640 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3507

cccagcgcgc	cggaagtgat	ctgtggcggc	tgctgcagag	ccgccaggag	gaggggtggat	60
ctccccagag	caaagcgctg	gagtcctcct	cctcctcttc	ctcctcctcc	tcctcctcct	120
ccagccgcgc	aggctcccc	gccaccgctc	agactcctcc	ttcgaccgct	cccggcgcg	180
ggccttcag	gcgacaagga	ccgagtaccc	tccggccgga	gccacgcagc	cgcggttcc	240
ggagccctcg	gggcgcgga	ctggctcgcg	gtgcaggtaa	agctccagat	ggctctggaa	300
cttatgagga	aagagttgga	ggacgccttg	actcaggagg	ccaacgtggg	gaaaaagact	360
gtcatttgga	aggagaaagt	ggaaatgcag	aggcagcgct	tcagattgga	gtttgagaag	420
catcgtggct	ttctggccca	ggaggagcaa	cggcagctga	ggcggctgga	ggcggaggag	480
cgagcgacgc	tgagagact	gcgggagagc	aagagccggc	tggtccagca	gagcaaggcc	540
ctgaaggagc	tggcggatga	gctgcaggag	aggtgccagc	gcccggccct	gggtctgctg	600
gaggggtgta	gaggagtcc	gagcagaagt	aaggctgtca	caaggctgga	agcagagaac	660
atccccatgg	aactgaagac	agcatgctgc	atccctggga	ggaggagct	cttaaggag	720
ttccaagtgg	atgtaaagct	ggatcccgc	acggcgacc	cgagtctgct	cttgaccgcc	780
gacctgcga	gtgtgcagga	tggagaacca	tggagggatg	tccccaaaca	ccctgagcga	840
tttgacacat	ggcctgcat	cctgggtttg	cagagcttct	catcaggagg	gcattactgg	900
gaggttctgg	tgggagaagg	agcagagtgg	ggtttagggg	tctgtcaaga	cacactgcca	960
agaaaggggg	aaaccacgcc	atctcctgag	aatgggtct	gggcctgtg	gctgctgaaa	1020
gggaatgagt	acatggtcct	tgcctcccca	tcagtgcctc	ttctccaact	ggaaagtcct	1080
cgctgcattg	ggattttctt	ggactatgaa	gccggtgaaa	tttcattcta	caatgtcaca	1140
gatggatctt	atatctacac	attcaaccaa	ctcttctctg	gtcttctctg	gccttacttt	1200
ttcatctgtg	atgcaactcc	tcttatcttg	ccaccacga	caatagcagg	gtcaggaaat	1260
tggggcatcc	aggggatcat	ttagatcctg	cttctgatgt	aagagatgat	catctctaaa	1320
attctgttcc	caagatgcag	tcctagcgta	gcgaacgttc	ctggagtggg	gtgaaggata	1380
tcaatatact	aagttttaac	cagatacccc	atthaggtca	gcacttgatt	cgttgttgc	1440
gtgaaatatg	tccatgggac	aaaagaggga	atatgaaata	tttgcatatg	ggaagattat	1500
agagcataat	aattttgtaa	atggagcaat	ctcaacctct	atctctagat	cacattttct	1560
tgatgtcttc	cttcaaatta	atgaccttgg	attacataag	gatttctatg	cattcattat	1620
aatttggtat	tcctttcaat	atccttgtat	ttcaaatctt	ccatataaga	attagacatg	1680
gcaattctta	aattgattca	gaatggctctg	atactattcc	agtatcacct	ccttaattct	1740
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atgactttac	tcaattactt	ttaaaatcct	ttctattctg	agactaattt	ttaagaatta	1980
caaagctcat	tcttctgaat	ctaatactac	taactcctag	actttttccg	ttttctttgg	2040
atacacttta	agtaggaatt	tatcagaatt	ttcattcaac	tcgttcttta	atgcagatat	2100
ttactagtta	taagacctta	aggctgggtg	cagtggctca	cgctgtaat	cccagcactt	2160
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gtgaaaccct	gtctctacta	aaaaaaaa				2249

<210> 3508  
 <211> 2128  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2129)...(847)  
 <223> similar to gi4929567 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3508  
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 tgccttattt tagggcttcc atgtaaaacc tagttaaaat acaaaaagta aattagagaa 120  
 aaattctgct taggtagtga aaattgatag caacttataa gctgtatcct taaaaacctt 180  
 gtcacagata tagaattacg taaagataaa atgataagcc tacttattgg caagaaacag 240  
 gttaggccac ttaagcagca tgtttctacc actatacaaa tacatcggca ggtccaaaca 300  
 ttaaaccacc attcgattga caacctttta tttttcaact taggtaacag tccaaaatca 360  
 gtgtagattg gcgaaaaact aggcaaaaat agcaaaaagt gcagtttaat ttagcaaagg 420  
 ctcaagacag tatgtggaag gaagggtgaga tttccctcct actgcggcaa ggcaagcggc 480  
 agttactgcc cgacagtaac gatggtgtgc gcacccccga tgagaatgct gctgcaacac 540  
 agactgggac gccgcctccc ccattagacc tgccagctca ttcgtgaaaa tctaccagga 600  
 acacatcaat gaaaaaaata tgtcaaatat gagttctctg ttataagcaa taaaatcaca 660  
 aaatcaactc agatttgaaa tttagggtaa gctaggacaa tttcctactt tttaatatat 720  
 agatatttta gatttgacaa tcgtttccac atacactcag acaggcttac agaagaattt 780  
 caaatatcaa atagagaagc tgtaattca cgcacgttat gacttcagtt aattcttcca 840  
 gtgttttagac ttcagagctg ctaataacac taaactcaat accgtgtttg ttgagtctgt 900  
 caatcaactt tgttttggaa aaagctgctc cagggtgtgaa gaccccgccc gccttaggca 960  
 gatgagaagc atcacttaga agagtcattg ctgcctgaac catagctatg ggggtagcca 1020  
 catagccagc ctctggctct ttcacctgag tacaaatttt gatatttggt ttgttcttat 1080  
 ctgtaccagt gccttggctg tatccttgac caaagaatgt cagcgtgaat gaggcagcat 1140  
 caatctgttt ttgtgttggg ccttgttttg aaaaatagcc aaaggagaag aaccatggga 1200  
 attttatgag aagttgcctt ccaattccaa acctcacaaa gaacaaaag aaaagtcctg 1260  
 caaacatcag cttaataaca gaggtgatgc ctcccacagt tacatacgca gcatactgaa 1320  
 ctggtgattc ctctaaattt tcatacaagt aacgttgagt cctccttaca acagacacat 1380  
 cagatcccat aaaaggaatg gaataacctt tgagttcccg acaataagaa attggccacc 1440  
 ttctcttcaa ttttggacca atgagcggga caggtttcag atttgataca tttcttagtt 1500  
 ttctcaaatt actctgatct ccaaaacat aaattgctga cttccaggta ccatcatgaa 1560  
 tgctcaaccc ctccaggtcct gaatgtatag tcaggaaact ttccacagca gtcaaagtac 1620  
 cattcatttt atttctggta tatattactc ccagatctgc tggaaatggag tcaaagccgc 1680  
 tgcttccaat gatataaacc cctttgtctg cagctttctc atgatacttc agttgcatta 1740  
 gttccagaaa ctgaggttct ccactgatgt cgatacaact ggctccattt tcaatacatg 1800  
 cttttattac aggttctcca taaaaccgat atggctctac gcaattgagg acaactgttg 1860  
 cctgtttagc catttcatca agcgaggctg gattagcaat atcacagatg atgattccaa 1920  
 cttcagatga cagtgttggg cttcccagct tcagggccgc cttctccagc acccgctgca 1980  
 gcttctcccg ggagcggccc gccacggccc agggcaggcg ggagctccgc tccgggtcca 2040  
 cctgctcccg ggccacctcc tcggtcacga actggccggg gaagccagac gcgccgaaca 2100  
 ccaccaggtg gaaaggcctc tgctcggg 2128

<210> 3509  
 <211> 1521  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1448)...(888)  
 <223> similar to gil669601 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3509

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gattttgttt	aattatatac	ataaaggtaa	gaggcctttt	cacagggtatt	aattaagttt	300
aaaaataacc	gccatccaac	acaaaatagt	atttcttggt	atatttcata	aacagtctaa	360
caaaacacta	acaaagtatt	tttgcttatt	attctgatgc	tggaataatt	tggtcaaata	420
ttcataaata	gttatcaact	ttaccaaggc	acaaaaatca	agaatacatg	ctttctataa	480
actcatttac	tactttaag	ttttaactg	tttagcagtt	ataggaaatt	ttttaatcg	540
aaaagaaacc	tatttacatt	tcaaatacaa	aagaaaatta	aaattattct	tgattgatct	600
ctaaaaccca	accacttaga	tgctcattat	tattattttc	tttcaccaat	ccagtatact	660
ctattcaaca	tgtgcatcct	gtgtacttac	taagcattta	tttgacaag	gattttctgt	720
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ctcacatttt	ttggaaaacc	aatgctgcta	cactgtttcc	agatctgcct	ccaaagctga	840
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cttccttggt	ccaattacat	gacgttatta	gaaaaaaagc	cttttacttt	caacaccctg	960
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caatgctcgc	gggtccccag	cgccgacggg	acgaaaccgt	cctccccggg	actgcccttg	1440
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cacgtcctgg	acggccgttg	g				1521

<210> 3510  
 <211> 1929  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1932)...(276)

<223> similar to gil354050 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

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gtccggagggt gctgggtaaa acacatcaca ggtaagaaat gggaaaccta cctcagcatt 180
tctgaaaggc acaatctatg gaagggaaac ctacgctaata aaaaccctca ctggatgtac 240
atggaaagga gtatggtagg ctatttcctt tttaaaggat gagaccttca taaattggcc 300
cctcggattc tggtagattc cgcgcgaagc gcaaagtctc cagtgtgtta tgaaaatggt 360
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tggcagctag ctgtgctttg gaatcgctga tttcatcttc atacagagaa aatgcctggg 840
acatgaattc atatgcgact gtctcatgat tttcaaaacc aatttcccca gcagctagtg 900
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agtcacacg atcagggtaa catttcatgg caagattaat cagagagact tgtaaagata 1620
caacatcctc tgaaggcatg tcttgtctag actgtatcac tgtagccacc tgctgtgaaa 1680
atatatcaaa aagtttaata tccgctggga ttccagggtc atcttcacgg tgagcaata 1740
aagctaattc atcaattaaa gcaatgatta tgttcttcac atttacattc tgggtgtaact 1800
cagcacaggc ccgaagaaaa ggattcaaa tctggagggt aaattcatca gggaaaacct 1860
gaataataca ctccatgaga tattcttgag ccaaagcatc cctacagttt acaacttgct 1920
ccaatatgc 1929

```

<210> 3511

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (859)...(104)

<223> similar to gil654000 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

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tgttgggtgc tcttggggaa aggctgcggg cccagccaga gctgcagcag gatgacggca 180
tggcatatgt gcagggcagc agagctgcag gatgtggaag ggtatgtgtt ccaggagagc 240
tcgatgagcc ccagcaccaa caacctgagc aggtgtgtga gccagcgtgc aggcattggcc 300
cacaggaggt agggcagtggt gtggaaatac cagacgtaga actggtagtg gagggagcgg 360
ctgaagcaga tgccaatgaa gttggagggt aagagggttag aaacgatctg gttgggtgta 420
aggggctggg gtggaacctt ctttttggag ggatccctca gcagcgacaa gatactttcc 480
cctgtcctgt gccacctgca gagggcaaac agcaggagca gggtagagggt ggcagtcaac 540
agggccaggt ggaaggctcg atgcaggaag agcgcctctg ggaggaagcg ccagttcact 600
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gggagggccc cacggaagcc aaactgtgtg aggagaagaa acagtaaccc aggggcgaag 780
agcagcacat tcattctcac agagactgcc aggtgaaaa agcagcaagc cccagcccca 840
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858

```

<210> 3512

<211> 2613

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2) ... (2167)

<223> similar to gi4768829 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gcaacatgga gctaattgca atattcaaga tgcagttttt ttcactccat tgcattttgc 180
agcgtactat ggacatgaac aggtaaactc ccttcttttg aaatttggtg ctgatgtaaa 240
tgtaagtggg gaagttggag atagaccctt ccacctagca tctgcaaaag gattcttgaa 300
tattgcaaaa ctcttgatgg aagaaggcag caaagcagat gtgaatgctc aagataatga 360
agaccatgtc cactccatt tctgttctcg atttggacac catgatatag ttaagtatct 420
gctgcaaaag gatttggagg ttcaacctca tgttgttaat atctatggag atacccctt 480
acacctggca tgctacaatg gcaaatttga agttgccaag gaaatcatcc aaatatcagg 540
aacagaaaag ctgactaagg aaaacatctt cagtgaaca gcttttcata gtgctgtgac 600
ctatggcaag agcattgacc tagtcaaatt tcttcttgat cagaatgtca taaacatcaa 660
ccaccaagga agggatgggg acactggatt acactctgct tgctaccacg gtcacattcg 720
cctgggttcag ttcttactgg ataatggagc tgatatgaat ctagtggctt gtgatcccag 780
caggtctagt ggtgaaaaag atgagcagac atgtttgatg tgggcttatg aaaaagggca 840
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acatttccat cttcagctct cagaaattga gttccatgag attattggct caggttcttt 1080
tgggaaagta tataaaggac gatgcagaaa taaaatagtg gctataaaac gttatcgagc 1140

```

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cagtttgcac	ttgtcaactca	atacatatca	gggggttctc	tgttctccct	ccttcatgag	1320
cagaagagga	ttcttgattt	gcagtctaaa	ttaattattg	cagtagatgt	tgccaaaggc	1380
atggagtacc	ttcacaacct	gacacagcca	attatacatc	gtgacttgaa	cagtcacaat	1440
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cagtctctgg	atgaagacaa	catgacaaaa	caacctggga	acctccgttg	gatggctcct	1560
gaggtgttca	cgcagtgcac	tcggtacacc	atcaaagcag	atgtcttcag	ctatgctctg	1620
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<210> 3513

<211> 5264

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5265)...(155)

<223> similar to gi3015538 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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gctgtacctt	ggccacctcc	cggcacggtg	ctcagctgtg	acgccaaaat	aagttagggc	180
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<210> 3514

<211> 3376

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(2332)

<223> similar to gi3043740 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3514

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gaaaaaggta	aagtta					3376

<210> 3515

<211> 1824

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (17)...(1309)

<223> similar to gi414115 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

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ctggcacagg cctgcctccc cctgccccag cccagggcca ggccacactc tgcctccaaa 180
gccaccgtcc ccccaggcca ccaactgcac ccccaagggg cgggttcgga ggaaggagga 240
ggcaaaggag agccccagcg ccgcagggcc cgaggacaag agccagagca agcgcagggc 300
cagtaacgag aaggagtcag cagccccagc ctccaccgga ccttcgccgg cgccctcgcc 360
caccacagcc ccgccccaga aggagcagcc cccgcgggag acccctacag acgctgctgt 420
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<210> 3516

<211> 1992

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1993)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1995)...(154)

<223> similar to gi2988397 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3516

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tcattcagaa	agtatgtatt	tccagaacac	tcagtagtaa	ggccgtctgg	gattgttcag	180
gggggtgggc	cggaagcggg	aggccagcat	cactctcttg	cggaaacgcc	ttatacttct	240
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cctggtgaag	gatgttcatt	ttcatttttc	cagatttagg	gggagcaacc	ccaaaccacc	1980
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<210> 3517

<211> 1960

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1962)...(1307)

<223> similar to gil510143 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3517

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gaatgaaaac	tacatttcaa	tcataaat	ttcatgctac	attgttattt	aatgaagagg	180
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cgattttgca	cccagactta	agtttctctg	aatactccat			1960

<210> 3518

<211> 1031

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (940)...(426)

<223> similar to gi2228750 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3518

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tgtacagtca	tctcagctct	aacaacccca	gttcttcttt	caattctcct	ttctcccttc	180
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<210> 3519

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (731)...(55)

<223> similar to gi673456 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3519

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aggatttcaa	cttacattta	gcttcttgat	aggaggcaga	catacactta	gctgcatgat	180
atgtaccagc	ttcaagtaat	tcttttttag	cttctttggc	aagcagggtta	aaccgactta	240
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caagcacttc	ccatctggtc	aatttgtcac	ttgaggacat	actgcttatt	ctattaacac	660
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<210> 3520

<211> 1815

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(1815)

<223> similar to gi4529897 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3520

acctccaggc	tgcaaaactg	gcccttctag	cctccatcca	ggccttcage	cttctgcgaa	60
gccgcctggg	agacagggat	ttctccaggc	tgctggacat	caccccagcc	tccagcctga	120
gctttgtcct	ggacaccacg	ggcagcatgg	gtgaggagat	caacgctgcc	aaaatccagg	180
ctcgccacct	tgtggagcag	cggagaggca	gccccatgga	gcctgtccac	tatgtcctgg	240
tgctttttca	tgacccaggg	ttcggccctg	tctttacaac	cagtgaacct	gacagcttct	300
ggcaacagct	taatgagatc	catgccttgg	gggggtggaga	cgagcctgag	atgtgcctgt	360
cagccctgca	gctggccctg	ctgcacacac	ctccactctc	agatatcttt	gtcttcacgg	420
atgcctcccc	caaggatgcc	tttctcacca	accaggtgga	atccctgact	caggagcggc	480
gctgccgggt	aacattcctg	gtgactgaag	atacatcaag	ggttcagggt	cgagctcggc	540
gtgagatctt	gtccctctg	cgttttgagc	catacaaagc	agtggccctg	gcctcaggag	600
gagaggtgat	cttcaccaa	gaccagcaca	ttcgagacgt	ggcagccatt	gttggggaga	660
gcatggctgc	cctggtgact	cttccctctg	accctcctgt	tgtggtgcct	gggcagccac	720
ttgtgttcag	cgtggatggg	ctgctccaga	agatcacagt	ccggatccac	ggagacatca	780
gcagcttctg	gatcaagaac	cctgcagggg	tctcccaggg	ccaggagaag	cgggggtcct	840
ctagtcacac	tcgccgcttt	gggcagttct	ggatggtgac	catggatgac	cctccacaga	900
caggaacctg	ggagatccag	gtcacagctg	aggacacccc	tggggtgaga	gtgcaagccc	960
agacctccct	ggacttcctc	ttccactttg	ggatcccat	ggaggatgga	ccccacctg	1020
gcctctaccc	cctgactcag	ccagttgcag	gtcttcagac	ccagctgctg	gtagaagtga	1080
caggggttggg	ttccagagcc	aatcctgggg	atcctcagcc	gcatttctcc	cacgtcatcc	1140
ttcgaggggt	cccagagggg	gccgaactag	gccaggtgcc	cttgagccc	gtgggacctc	1200
cggagcgagg	tctcctcgca	gcctcgctgt	cgcccacgct	gctgtccacc	cctagacct	1260
tctccctgga	gctgattggc	caggacgcag	cggggcgggc	cctgcacagg	gctgccctc	1320
agcctagcac	tgtagtcctt	gtccttctgg	agcttagtgg	cccctcgggt	ttcttgcccc	1380
cgggcagcaa	agtcccgtc	agtctccgca	tcgccagctt	ctcgggccct	caggatcttg	1440
accttaggac	tttcgtcaac	cccagcttct	ccctcacctc	caacctctcc	agggctcacc	1500
tggaactgaa	tgagtcggcc	tggggccgcc	tgtggctgga	ggtcccagat	tcagcggccc	1560
cggattccgt	ggtgatggtg	actgtgactg	cagggggacg	agaagccaac	ccagtacccc	1620
cgactcatgc	tttcctccgg	ctcctggtat	cggccccagc	cccgcaggac	cggcacacca	1680
cccctaccgg	ctcatctgac	ccgatcctca	ccacggccac	ccctgccttt	tcccccttca	1740
cattggtgac	tcaaggcagg	gctggggcag	ggctggctgc	gggcagcccc	tggtggggca	1800
cagttggagg	ggtgc					1815

<210> 3521

<211> 1811

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1737)...(855)

<223> similar to gi3387971 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3521

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cccttacaag	ggttctatca	aaaagtacaa	attttaaata	aatgcatcag	aaaaatggca	120
gccagatata	ccagccacag	tcacaacctc	aaaggccttg	tggggaagga	agggagaatt	180
agggaggagg	ttccgagaac	tcaaggaaga	ggctgggcac	agagggctct	tgggtgcctg	240
cagagctggg	tcctggagct	accaggcaag	aacctgctt	ccgttttcc	ttccttgga	300
aaatgtaaag	aactggcagg	tgtaggaaat	tttgagactg	gagcagaaag	gcacaaaagt	360
catttataag	gtatgattgc	tactctagt	cctgaggcac	atggggtgga	taaatggggg	420
atcagagcca	cagggtccct	ggctctggtc	atgcttgccc	ctggctggta	ccatctctga	480
gtttggccac	aggttaaatt	aaggtagacc	aagtggactg	cataatcctg	gcagcccggg	540
gtctggagcc	agtctttaga	tcagatgtgt	tgcttcattg	gcaaactggg	gtctgcccc	600
caagagatcc	ccccaatgag	gagcagcagg	tctcctgcct	agccctgtcc	tctgagtcac	660
tgtgggtgcc	cacctggac	aaggaacttc	tgagggcagt	ctctgccatc	caggatcctg	720
agaagcccca	agccccagag	ccagagtttc	tccgaatgac	aggcagaagc	acagaaagct	780
ggcgttgaaa	ccagtcccca	ccagctgctg	gccccacacc	catggctact	gctgacacgc	840
ctccttggtg	acattaggca	gtgggtaggc	aaagagggag	aagtccagga	tatacttagg	900
cagcacatcc	tgcagcaggg	cccggggggc	actgcacaag	tggtaatgca	ggctttcggg	960
gctggctggc	cggtagcagg	cctggcgagc	tggaaatcgg	acgtgagggtg	gtgcccgtac	1020
ccactccagc	acctgatttg	catcagcctc	cagcctctca	taggagccca	caaagtcata	1080
gtgcacggca	caaggctggc	acaggtggta	cacgggcac	caatgctcat	tcatgcgctc	1140
agggtcctca	tccaccaggt	atctcaggaa	ctcggggaat	gtgacatcgt	cgctgcagg	1200
gctgggcccc	gtccagccc	tgtaccgctt	cactatctca	gccccatagc	gttgctggta	1260
ctctcgatc	tcgccaaact	tgttgcggtg	ggcagagagg	aggcggtcca	agggtccccg	1320
cacaaacagg	aacttaaagt	agtgtgcag	gcggtagcga	atctcctcag	gccgcaggtc	1380
ggccaggaac	accaggtcac	tgcggtggtc	catcttgagg	cggacgtcca	cgctgtccag	1440
gacgcctgcc	agcaccttca	tcaccgctt	ccagttagag	caggccacct	tggggacgta	1500
gcagtagagg	aagcggtaac	ggtcacttac	gaggatgtgg	cgcagcaggg	tgcgcccgtg	1560
ccccaccggc	aagtccagg	ggtcccgggg	catgcctggc	tgtccgcaca	ccgcccgcag	1620
ggtcctgttc	cggacgtcct	gccgcacttg	caagtccgcg	tccccagccc	tgagggacag	1680
gcccccaggc	ttgggggctt	tcccgcgcca	ggctgtgccc	tcgcgccggg	gcggtgcag	1740
gggcaggggc	ttcttctcgg	ccaggatgcc	ccgctcgatt	atgagcagca	gcccgtgga	1800
ggccacgatc	t					1811

<210> 3522

<211> 1522

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (51)...(1377)

<223> similar to gi4580995 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3522

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cctcggtcgg	ctgtccgcgc	tcctcgccca	gcccctactg	cgcgcccgtc	ctctacggg	120
gcctgctgct	actcggcctg	gccgccagct	ccgtgcggag	caacctcacc	tccttcgggtg	180
ccgaccaggt	gatggatctc	ggccgcgacg	ccaccgccc	cttcttcaac	tggttttact	240



ggagcatcaa	cctgggtgct	gtgctgtcgc	tgctgggtggt	ggcgtttatt	cagcagaaca	300
tcagcttcc	gctgggttac	agcatccctg	tgggctgtgt	gggcctggca	tttttcatct	360
tcctctttgc	cacccccgtc	ttcatcacca	agccccgat	gggcagccaa	gtgtcctcta	420
tgcttaagct	cgctctccaa	aactgtgtgc	cccagctgtg	gcaacgacac	tcggccagag	480
accgtcaatg	tgcccgcggtg	ctggccgacg	agaggtctcc	ccagccaggg	gcttccccgc	540
aagaggacat	cgccaacttc	caggtgtgtg	tgaagatctt	gcccgtcatg	gtgaccctgg	600
tgccctactg	gatggtctac	ttccagatgc	agtcaccta	tgctctgcag	ggtcttcacc	660
tcacatccc	aaacattttc	ccagccaacc	cggccaacat	ctctgtggcc	ctgagagccc	720
agggcagcag	ctacacgatc	ccggaagcct	ggctcctcct	ggccaatggt	gtggtggtgc	780
tgattctggt	ccctctgaag	gaccgcttga	tcgacccttt	actgctgcgg	tgcaagctgc	840
ttccctctgc	tctgcagaag	atggcgctgg	ggatgttctt	tggttttacc	tccgtcattg	900
tggcaggagt	cctgggagat	ggagcgctta	cactacatcc	accacaacga	gaccgtgtcc	960
cagcagattg	ggggagggtcc	tgtacaacgc	ggcaccactg	tccatctggt	ggcagatccc	1020
tcagtacctg	ctcattggga	tcagtgaat	ctttgccagc	atcccaggcc	tggagtttgc	1080
ctactcagag	gccccgcgct	ccatgcaggg	cgccatcatg	ggcatcttct	tctgcctgtc	1140
gggggtgggc	tcactgttgg	gtccagcct	agtggcactg	ctgtccttgc	ccgggggctg	1200
gctgcactgc	ccaaggact	ttgggaacat	caacaattgc	cggatggacc	tctacttctt	1260
cctgctggct	ggcattcagg	ccgtcacggc	tctcctatct	gtctggatcg	ctggacgcta	1320
tgagagggcg	tcccagggcc	cagcctccca	cagccgtttc	agcagggaca	ggggctgaac	1380
aggccctatt	ccagccccct	tgttccactc	taccggacag	acggcagcag	tcccagctct	1440
ggtttccttc	tcgggtttat	tctgttagaa	tgaaatgggt	cccataaata	aggggcatga	1500
gcccttcttc	acgaaaaaaa	aa				1522

<210> 3523

<211> 961

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5)...(434)

<223> similar to gi5726306 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3523

ccggcacgag	ttcatggcgc	tgtgcatgcg	ggacttcgtg	gaccactaca	acggctggat	60
ctggggtcac	cagggcccgc	agctgtcac	gcgggtcttc	aagaagtgg	gttccatccg	120
cagcctggcc	gagagccgcg	cctgcccgcg	cgccaccacc	ctgccccctg	aggccttcta	180
ccccatcccc	tggcaggact	ggaagaagta	ctttgaggac	atcaaccg	aggagctgcc	240
gcggctgctc	agtgccacct	atgctgtcca	cgtgtggaac	aagaagagcc	agggcacgcg	300
gttcgaggcc	acatccaggg	cactgtggc	ccagctgcat	gcccgtact	gccccacgac	360
gcacgaggcc	atgaaaatgt	acttgtgagg	ggcccgccag	gtcacctccc	caacctgctc	420
ctgatggggc	actggggcgc	ccttcccggg	gaggcaagat	tgaggggccg	ggagagggag	480
gcccagagctg	ccaccgggct	taggcaggct	gttgaggagc	tgtgggagca	ggcccagtg	540
gaggctgtgg	acaccccgag	gacagtgtcc	tgtctcgagg	cagggtgac	acatggtgcc	600
atagccagcg	gagggcgctc	agtgagtgcc	ccgggccttc	tagacaacag	gcaggaagga	660
tgaacctcag	ggcaccacca	ggtggtgcgg	aaagccaggc	agttgggaca	gaggtgccca	720
cgagggcaga	ggccggtgct	aaggggatgg	ggaagaagg	acaagattcc	cagagaggag	780
aggaggctgt	tggtaggaaa	gtggcagggc	tgggggagac	ccagcctcca	aggtccgggg	840
cggatgatgc	tctgttcttt	tctggttttg	gttcctcttt	cctggggggg	ggaggaggtc	900

attccgccac tggcttttgc actatgccat ataacgccat cctggtctag gacctctttt 960  
g 961

<210> 3524  
<211> 1944  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (3)...(732)  
<223> similar to gil644455 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3524

ccccctctcc	cctcctctct	cctaatacaag	tacccccctcc	tctctccacca	cctcctgccc	60
cacccctccc	tgcatctgga	ttcttttttg	catccatgtc	agaagacaat	cgccctttaa	120
ctggacttgc	agctgcaatt	gccggagcaa	aacttaggaa	agtgtcacgg	atggaggata	180
cctctttccc	aagtggaggg	aatgctattg	gtgtgaactc	cgctcatct	aaaacagata	240
caggccgtgg	aaatggaccc	cttcctttag	ggggtagtgg	tttaatggag	gaaatgagtg	300
ccctgcttgg	gccaggagga	gaagaattgc	tgaaaaggga	tcaacattag	aaacagaaca	360
aaaagaggac	acaggtgaag	attcagagcc	tgtaacttct	aaggcctctt	caacaagtac	420
acctgaacca	acaagaaaac	cttgggaaag	aacaaataca	atgaatggca	gcaagtcacc	480
tgttatctcc	agacgggatt	ctccaaggaa	aaatcagatt	gtttttgaca	acaggtccta	540
tgattcatta	cacagaccaa	aatccacacc	cgttatcaca	gcccagtgcc	aatggagtcc	600
agacggaagg	acttgactat	gacaggctga	agcaggacat	tttagatgaa	atgagaaaag	660
aattaacaaa	gctaaaagaa	gagctcattg	atgcaatcag	gcaggaactg	agcaagtcaa	720
atactgcata	gagggaccag	actaaggaga	gataggactt	taatctggag	gaaaaatatc	780
ctacaaacaa	caactgttca	caacagcaaa	cccctacatt	tatgagctgt	aagaagaaaa	840
tggagacaaa	cagaaggagg	gaaaaaccaa	cctactctga	aagccttcag	acattatgac	900
tctggtgata	agctctttcc	ctctccgttt	gctgcttttt	tctggccttt	acaacagaat	960
ggaagagaat	catttaagag	ttcctgtaac	agttatgcag	aaaatactaa	aacccatcag	1020
gcaagatcac	cacgcattga	aatattttca	tatcaagata	aagtgcgaca	ttttccacaa	1080
tacattgcta	aaataaagag	gagaaaggct	taggaagttt	ttttgcagag	agtgtctggt	1140
aagaattgag	caagtttgct	attgtattgt	aatgtttctc	tcaggtttgt	tcttccctatc	1200
atgtttgata	ttccatgaat	aattgagatc	agccctatgt	aagttaagat	cataatatgt	1260
ggaacaaatg	gaattgtaag	tgctttcaaa	gggtaatatt	tataagaaag	tgtccgaaaa	1320
atgtttcttc	agcttgagaa	attttagaat	gataggaagt	ttctcgagtt	agccttcctg	1380
caatttttga	gattaaaaca	taaaatttgt	ccagaactta	aagattttaga	tgccttcccta	1440
aattgttaca	atgctttacc	aaatctatga	cttctacata	acacaaacca	gtgggtcaaat	1500
gtaaacacta	tattgtagat	ttactgtagg	ttttcaacct	tttttagatt	tatgcatgtg	1560
gacattttta	taatgttaatt	acaatcacca	caagggttagc	ttttttaatt	gcagacagta	1620
atgcatgtca	cactaatatg	tagtggcctt	ttcaaggcct	agtcccaggg	aaaacatttt	1680
gtagagtata	ggggagtggg	aggaagggga	ggaataattt	tttattttaa	gttgattttct	1740
gcactatctt	tttctcagtt	acctgcatga	ataaataatg	agaaatattt	tgtgacttta	1800
attggtaaat	atgttacaaa	accaagtact	taatctttta	catcatgtct	tcagctattt	1860
gtatttttaac	cagtaatttc	aatgggtctga	aacatgatcc	tgagcttcac	ataatatctt	1920
aactgtggaa	ctcaaaagtt	tgat				1944

<210> 3525  
 <211> 3671  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(3638)  
 <223> similar to gi3928000 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3525  
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 gccgcgcgcg accccccagg cgggcccctg gggcacggag cggagcgcac cctggcggtg 180  
 cccgtgcgca ctgacgccc a gggcgcctg gtgtccacg tgggtgcggc agctacgtcc 240  
 agagcagggg tacgagccc cagggcgcgc ccggtccgga ccccgagctt ccccgagggc 300  
 aacgaggagg agcctggcag tcacctcttc tacaatgtca cggctcttgg ccgagacctg 360  
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 ggcgagaagg gcaccaccgc cgtggagccc ctgctcggga gctgtctcta cgtcggagac 480  
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 ctgatccgga tggaggagga ggagtctctc atcgaaccct tggagaaggg gctggcggcg 600  
 caggaggctg agcaaggccg tgtgcatgtg gtgtatcgcc ggccaccac gtccccctc 660  
 ctgggggggc cacaggccct ggacacaggg gcctccctgg acagcctgga cagcctcagc 720  
 cgcgccttgg gcgtcctaga ggagcacgcc aacagctcga ggcggagggc acgcaggcat 780  
 gctgcagacg atgactaaa catcgaggtc ctgctgggcg tggatgactc tgtggtgcag 840  
 ttccacggga aggagcacgt acagaagtac ctgctgacac tcatgaacat tgtcaatgaa 900  
 atctaccatg acgagtcctt gggtgccac atcaacgtgg tcttggtgcg gatcatcctc 960  
 ctgagctatg gaaagtccat gagcctcatc gagatcggga acccctctca gagcctggag 1020  
 aatgtctgcc gctgggccta cctccagcag aagccagaca cgggccacga tgaataccac 1080  
 gatcacgcca tcttcctcac acggcaggac tttgggcctt ccggcatgca aggctatgct 1140  
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 cagggaacc gctgtggcga cgaggtgcgg ctgggcagca tcatggcgcc cctggtgcag 1320  
 gccgccttcc accgcttcca ctggtccgc tgcagccagc aggagctgag ccgctacctg 1380  
 cactcctatg actgcctgct ggatgacccc ttgcgccagc actggccggc gctgccccag 1440  
 ctccgggac tgcactatc catgaacgag caatgccgct ttgacttcgg cctgggctac 1500  
 atgatgtgca cggcgctccg gacctttgac cctgcaagc agctgtggtg cagccatcct 1560  
 gacaaccctt acttttgcaa gaccaagaag gggccccct tggacgggac tatgtgtgca 1620  
 cctggcaagc attgttttaa aggacactgc atctggctga cacctgacat cctcaaaccg 1680  
 gacggcagct ggggcgcttg gagtccgttt ggctcctgct cacgtacctg tggcacgggc 1740  
 gtgaagttca ggaccgcga gtgtgacaac ccacaccgcg ccaacggggg ccgcacctgc 1800  
 tcgggccttg cctacgactt ccagctctgc agccgccagg actgccccga ctccctggct 1860  
 gacttcgcgc aggagcagtg ccgccagtg gacctgtact tcgagcacgg cgacgcccag 1920  
 caccactggc tgcgccacga gcaccgggat gccaaaggaga gatgccacct gtactgcgag 1980  
 tccagggaga ccggggaggt ggtgtccatg aagcgcagtg tgcagatgg gacgcgctgc 2040  
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 ggtgtgatcg gctccagcaa gcaggaagac aagtgtggcg tgtgcggagg ggacaacagc 2160  
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 atgtttgaga tccctgcagg agccagacac ctgctcatc aggaggtaga cgccaccagc 2280  
 caccatctgg ccgtcaagaa cctggagaca ggcaagttca tcttaaatga agagaatgac 2340

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gacggccggg	agacgctgca	gaccatgggc	cccctccacg	gcaccatcac	cgttctggtc	2460
atcccgggtg	gagacacccg	ggtctcactg	acgtacaaat	acatgatcca	tgaggactca	2520
ctgaatgtcg	atgacaacaa	cgctctggaa	gaggactctg	tggtctacga	gtgggccctg	2580
aagaagtggg	ctccgtgctc	caagccctgt	ggcggagggt	cccagttcac	caagtatggc	2640
tgccgccgga	ggctggacca	caagatggta	caccgtggct	tctgtgccg	cctctcgaag	2700
cccaaagcca	tccgcagagc	gtgcaaccca	caggaatgct	cccagccagt	gtgggtcaca	2760
ggcgaatggg	agccatgtag	ccagacctgt	gggcgggacag	gcatgcagg	gcgctccgtg	2820
cgctgcattc	agccgctaca	cgacaacacc	acccgctccg	tgcacgcca	gcactgcaat	2880
gacggccggc	ccgagagccg	ccgggcctgc	agccgcgagc	tctgccctgg	tcgttggcga	2940
gccgggccct	ggtcccagtg	ctcagtaacc	tgtggcaacg	gcacccagga	gcggccagtg	3000
ctctgccgca	ccgcggacga	cagcttcggc	atctgccagg	aggagcgtcc	tgagacagcg	3060
aggacctgca	ggcttggccc	ctgtccccga	aacatctcag	atccctccaa	gaagagctac	3120
gtagtccagt	ggctgtcccg	cccggacccc	gactcgccca	tccggaagat	ctcgtcaaag	3180
ggccactgcc	agaggcgaca	agtcaatatt	ctgtaggatg	gaagtcttgt	cacgctattg	3240
ctccatccaa	ggctacaaaa	gcgttggtgc	aaaagtctctg	taacctgtac	aacaacccca	3300
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tgectaccct	cccagtggcc	actgtagcca	tggagggtgcg	gccatcacca	agcacccccc	3420
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<210> 3526

<211> 1306

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1298)...(158)

<223> similar to gi311626 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3526

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<210> 3527

<211> 5940

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5824)

<223> similar to gi4808815 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3527

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<210> 3528

<211> 499

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (190)...(313)

<223> similar to gil335864 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gcgagcgcct	gtaatccca 499

<210> 3529

<211> 4655

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(4574)

<223> similar to gi2224667 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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aactgaccat	gtagccactg	accggaagct	ggagccatcc	tacgccttcc	ctcagctctg	4620
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<210> 3530

<211> 4455

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(2947)

<223> similar to gi505100 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3530

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agaaatcaga	tgaaatttcc	tttgctgact	tcaagttctc	agtcactcat	cattatcttg	240
tacaagagtc	cactgataaa	gaaggaaagg	atgagttatt	agaggatggt	gttcacaaat	300
ctatgcaaga	tttgctgggt	atgaataatg	actttcctcc	aagagcacat	tgcttggtta	360
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gctgtcaggt	gccactcttt	gtgcaaattc	accacaaatg	gcgaagaatg	tatgtaggag	540
aatgtcaagg	tcttggtgta	cgaactgatt	tcgaaatggg	tcactcttaga	aaagtgccaa	600
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taactccatt	gcctccagtt	agtattgcta	ttcgatttac	ctatgtactt	caagattggc	720
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gaaaaattct	acaaaggagt	ggttaaagtt	acaaaggcat	tgtgaatcta	ataaaaggaa	4440
aggtgtcgct	taaaa					4455

<210> 3531

<211> 2004

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(988)

<223> similar to gi3127193 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3531						
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ttgttcatct	cttgccaaag	tttgacccac	tggttattct	aaagacactc	tccagttatc	180
caatcaagag	tatgatgggt	gccccattg	tttaccggat	gttgctacag	caggatcttt	240
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gagagaaaaa	aattgtaaaa	ataaaaaatag	taaaagaaac	tgataaaaga	aagtaatgga	1560
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cctgtgtgtg	gcattctacag	accttagatc	atagctgtga	gaacaacgta	agcactgcc	1920
aagttatcag	ctacccatat	ctcatgtttt	tgatgttatt	tactcttctt	agaatcaa	1980
attaaaataa	ttttaaaaaa	aaaa				2004

<210> 3532

<211> 4490

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4493)...(772)

<223> similar to gi4240307 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3532

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cagcttcttg	gggagaaaga	tcttcagggt	gtggctgttt	tcagcaacct	cgggtggtgc	4380
cttggtattc	atggtgaggg	ctccaggggg	caaggtcacc	ccgggcctga	ggggccgggg	4440
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<210> 3533

<211> 2333

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2304)...(712)

<223> similar to gil694688 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3533
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aatgtatggg ctattttgcct gattgggtggc ctggactcag caagagattc ctttgcagca 180
gaggttggcc acacatctgg gggctgcaac accactgaaa agacagcttt ctaagcatta 240
gtgtaaggca aaaagcagag tgcctaaact tggccatttc caccaagaaa aaaagtttca 300
tagcaacctt ccttcaccag aaaggcttac tttatgatat gctaacagaa cagaaaagca 360
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ccaggggtgg gtcattggag ccagctaatt gccaggagct gaggcgtgta caagccatga 600
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```

```

<210> 3534
<211> 2313
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2311) ... (1475)

```

<223> similar to gi4589652 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3534

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cttctcctta	aagaagtctg	tgtctaattc	ctacgcgtgg	ccgttgtcag	agtatagctc	180
tttcccgtaa	cctttactag	ccagaaacag	cttgcttgct	ttctgaagaa	agagaaatga	240
cgcaccacag	ggtacatcag	atgaatcaga	aattacattg	tttggacttc	aaaacagtgt	300
ttactgactc	tgggcttaaa	cttctagtcc	actcctagaa	cagaaaccct	caaagttcaa	360
gagtgttttt	ttttgtacaa	ttgtttatac	aaattcaaca	aaggtaaaat	cgcacagggg	420
aaggtctagg	aaacaccacc	ttacaacaat	ggcacttata	aatgcagaac	tttacaacta	480
ggaaatagcc	atgttacaaa	cctaaatgag	aactcaactc	acacttcaga	ggagagaagc	540
aaaagcaaaa	gaaaggctat	gtgggagcat	ttattctacg	tcttgactca	ctgtataaat	600
tagatctatg	taagtacaag	agctcatgct	ggagcagaac	ctcctgagtg	caaaggctga	660
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ctaccactaa	cagaaactcc	taagctcatg	cttcagtatg	agaatttctc	cgaagtccac	1200
cctcctctcc	gacaggaatg	tcttcttgta	aaggccgcct	tagaaatggt	ccagaaagca	1260
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tgggtgaaca	gcttctccct	tggaaagact	tgcaaaatgg	aattgcgttg	tgggtctgtg	1380
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gttcagggtc	atgcgggtcc	acaaccgctt	atcgagcac	cagcggttcc	aggtcctgca	2220
gacccgcatg	cacacacaca	ggtcttggtg	gctgaggtag	ctgaagacgg	ccatccacac	2280
ctccctgtgc	atgacgtggg	ctgccccatc	gtc			2313

<210> 3535

<211> 1319

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (251)...(734)  
 <223> similar to gi540535 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3535

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aggttaactgc	atcctgccca	gcatgacggc	cccctgcccg	cgccacctt	cagacccccca	180
gtttgtcctc	cgaggcaccc	agtcaccggt	gcatgcgctg	cacttctgcg	aaggagccca	240
ggctcagggg	cgcccgtccc	tcttctcagg	gtctcagagt	ggcctggtac	acatctggag	300
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cctgtgggac	ctcgcggagg	gcaggagcgc	tgtcgtggac	tccgtgtgct	tggagagtgt	480
gggcttctgc	cggagcagca	tcctggccgg	gggccagcca	cgctggacgc	ttgccgtgcc	540
agggaggggg	agcgacggag	gttcagattc	tggagatgcc	ctccaagacg	tcagtgtgcg	600
ccctgaagcc	gaaggcagat	gccaaagtgg	gcatgcccat	gtgcctgcgg	ctgtggcagg	660
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aacctcaagg	gcctctgagg	accagcaagt	catggcccaa	ggaccatgga	gtccccgctg	1260
tcttcatgag	atcagactgc	acaaatgtcc	agtgtctgaa	ccgcatggaa	gggcaggat	1319

<210> 3536  
 <211> 2304  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2290)...(1254)  
 <223> similar to gi3403236 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3536

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accaccacgt	gtaagctgtg	ggcgctgtg	gtgtttgcaa	actctccatt	accaaggctg	180
gaatcaaatg	caccacttta	aaatcagagc	caacatttta	aatttaggag	gatgatgcat	240
gtcctacttt	tgattcaagg	agaaaggaca	agttcttagg	tacaggtaaa	acaaaacaca	300
aaagtaaaca	aatcttttaga	aatcactata	tatatgtgtg	tttatatata	tattttttata	360



taattagat	tatcatcatt	tcaaactatt	aaaaataagg	ttgccacctt	accttttctt	420
ttggaatgg	gggtgttattt	tttttaagag	aaaaaaccaa	acatttttggc	cagactctag	480
agtttcccaa	cttcaattct	gtttttctgt	gtgcaacttc	cccaccttca	cgctgtatcc	540
ccaagtccc	ccaccaattc	tggtggcgag	gaggcagagc	aagctttcat	tctggtcac	600
aagatgacag	gcccacaaaa	gtacagctga	gacgggaact	gaattcttcc	ccaggaagaa	660
aatacctata	cccacaatag	gtctgcaaaa	tctcccacag	gcacctcttc	tccctttctt	720
gtgggtggtt	gttaattggg	ttgttttgcc	taaaagcaag	atggcaatct	taatcaaaaa	780
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gattgagact	ttcatttttcg	gacctggtec	cattagggat	agagttttca	ccgttttaca	1080
gcccgttttc	tgtggccttt	gctttgtctga	ttgcctctct	gatgttcaag	gcactctgca	1140
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cttcttcaaa	gtagagagga	gtgtcatatt	ccctggggag	ggtttgaata	tagggctgcc	2220
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<210> 3537

<211> 5048

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5049)...(1236)

<223> similar to gi3947690 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3537

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agtctcctga	gaagctgcga	ttacaggcgc	ctgccaccac	gctcggctat	tttttcgtat	180
ttttagtaga	gatgggggtt	caccatgttg	gccagcctgg	tctcaaactc	ctgacctcaa	240

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aaaaccccaa	aaaaatcacc	aaaccatact	gtcaagcgaa	atagttttta	ttagtaggct	480
gatcataaat	aaatctacat	aaaagattta	acagaattac	aaagagtttt	gtgttccttt	540
gtggactcaa	ttcataatat	gcattagtca	acctcattct	ctaactgtga	caaaaagagt	600
tgtcatccaa	caatgcagca	cagtttaagc	aattcatatg	ctatagttac	atttttacat	660
tttctttaca	aatgtaacat	ttatgtacat	tatatataga	tttttttcta	tagttcatgt	720
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tccagcatca	ggattgatgt	tggcaaggga	taacaaatca	gtagaacgga	caaagaagtt	2220
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ttgtaccacc	tttgtacttg	atctctgatt	aggatcttct	ctggattgca	gaagtccctgc	2580
acccaaggaa	ggtaactgtg	tctgaaatac	agacacacgg	ccacctgttg	gagacattaa	2640
tttaaaggca	gcctgaagtg	caggaccaag	ggcactgtgt	gtttctcttg	tattggtgaa	2700
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aaacaagtaa	actgcaggtt	gaggaggacg	cagcatgtaa	tctgaagaag	caatgaactc	3060
cacagttgga	attctgaact	tctggtcggt	tatgaggctc	tccataagat	cgggtaaggg	3120
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cttgctgatg	aagaaagcat	atctgggtaa	ctgcctcctt	ccagggcatc	ataactgttg	3840
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tcctcctctt	cctcatcatc	ggaagttagt	gacaagggag	ttggtgcgga	gctagcttgg	3960
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cctgaggatc	ctgataaaaac	agtggatacc	actgggctgg	acttgggagg	ctgaacattt	4140
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gctggactat	tgtagtgtt	cacaaaagag	gagtatgggt	gggaggcact	cgtatgcaaa	4620
tgggatgctg	acgatgcagc	accttggaag	gacccatagag	tggatccac	aatatgaggg	4680
gcaggaggac	ccttgctgta	caactgctgt	gctcctgggt	gctgggtcac	tgtgttagga	4740
gtcacatttt	gtgttggtac	tgtatagaga	gcagagtagt	aatcaccaca	ctgggtatcc	4800
aatggcaatg	aggtcatttt	cccaggtcct	tgagagtaat	gtcctgaggg	agcaatatag	4860
ttttgatgat	gcaatccata	tccagatgga	acctgcattt	gattctgggc	tggaccgttc	4920
tgctggtgcg	gcgccggggc	cgcacccggg	cccgcggggc	ctgcggctcc	tgagacggcc	4980
gatccgccga	acttgggcgg	gatccgggcg	ctggcgggcg	ggtgagagga	cccggcgggg	5040
gccgacat						5048

<210> 3538

<211> 606

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (40)...(423)

<223> similar to gi2302524 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3538

ttcagtgtctg	taagaaagga	cggaggctgt	tatctatggc	agatctatcc	aataaaggag	60
agaaaggacc	gcatacgctt	ggttctcatc	atatgcaata	aagagtttga	ccatctgcct	120
ccaagaaatg	gggctgactt	tgccatcatg	gagatgaaga	agctgcttga	ggatctgggt	180
tacagtgtgg	atgtagaaga	gaatctgaca	gccaggataa	cgtgtccagg	agagacagca	240
caaggggctc	catcttcatc	acacaactca	tcgcatgctt	ccagagatat	tcctggcgct	300
gccacctaga	ggaagtattt	tgggaagggtt	agcaagcatt	tgaaagtccg	gaggcaacag	360
tccaaatgcc	caccatagaa	cgagtgtcca	tgacaagata	tttctacctc	tttcctgggc	420
aactgaaaat	ggttaagcat	tgagagtgtg	tggtggtgta	tgaaataaat	gaaagtgtga	480
tattggagca	ggaaaccaca	agcagcccag	ccctccttta	tcaacttcaa	gaaacacctt	540
tactagtaca	gattgaatgc	ttaacatttt	gtattttcaat	aaaggtgaag	acaaatgaaa	600
aaaaaa						606

<210> 3539  
 <211> 559  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (465)...(294)  
 <223> similar to gi1247386 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3539  
 tttttttttt ttaccaacaa agcctgcctt tattaaatag agatcgcgtt acattccatc 60  
 caaagaagga aatccggacg tggtagggga tgcgtccagg tgggagctcc gaacgctggt 120  
 cctgagtggg ctctgatggg tgggagggcc caggtcctgc ctgcccaccc aggccccaca 180  
 tgccagggcg cgtgtctgca tggccaccca cagctgaaaa caggcgtggg cgatctgaag 240  
 ccctgtctgt gttctactgt ggcagaaagt gccccagtc ttcagcggg tttgggagca 300  
 ggatggccac aaggggggtg tgctggccca gggcttggca gctgggggtg agggtagcct 360  
 ggagatccag ccaccagaa cagtccttt ctgaagacaa gccagcaaca aggcacctgc 420  
 aggcagttct ggggactggg gagggggcgc tggctgcctc aggtgtccc tcccaagggc 480  
 tgaggcccc cgagtatgga tccgagctcc ctggtctttg gtgctttctt gaaatcctcc 540  
 tggtaggtggc agaaccag 559

<210> 3540  
 <211> 986  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(987)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(662)  
 <223> similar to gi2959884 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3540  
 ggacagagac gcagtgggct atccagaagc agcaatctca gggtaaccag aactagagct 60  
 gctcaaagaa aaactgggtcc cgtttcatta gcaaatggat gtggcagaaa agccactcga 120  
 aagagagtct atttaagtga ttctgataac aattcattgg agactgggtga aattctaaaa 180  
 gccagagctg gaaataaccg aaaagtctta aggaagtgtg ctgctgtggc tgccaataaa 240

ataaagctaa	tgagtgatgt	agaagagaat	tctagctctg	aaagtgtctg	ttctgggtcgg	300
aagctgcctc	accgcaatgc	ttctgctgta	gctagaaaaa	agttattaca	taattctgaa	360
gatgaacaga	gcttaaagtc	agaaattgaa	gaagaggagc	taaaagatga	aaatcaacca	420
ttaccagtgt	ccagttctca	cactgcccag	agcaatgttg	atgaatctga	aaacagagac	480
tcagagtcag	aaagtgattt	gcgggtagcc	cggaaaaatt	ggcatgctaa	tggttacaag	540
tcccatactc	cagcaccttc	aaagacaaaa	tttcttaaaa	tagagtcttc	tgaggaagac	600
tctaaaagtc	atgattcaga	tcatgcatgt	aacagaactg	ctggcccatc	aacgtctgtg	660
cagaaactta	agggcagaga	gcattctcaga	ggaagcagat	tctgaaccag	gaagatctgg	720
tggtaggaaa	tacaatacat	ttcacaagaa	tgcgagtttc	tttaaaaaaa	ccaagattct	780
gagtgactca	gaagactctg	aatctgaaga	gcaagataga	gaagatgggn	aaatgtcata	840
aaatggaaat	gaacccaatt	tcnggaaatc	tgacctgtga	ccctattgct	atgtcccagt	900
gttcctcaga	tcatggatgt	gaacctgatt	tggattcggg	tgatgccaaa	ctggaaaacc	960
caacaatttt	tttgaagatt	ctgctt				986

<210> 3541

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (784)...(656)

<223> similar to gi2565069 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3541

attgagacca	tagagagccc	ggcggaattc	atTTTTTTTct	tcaagctaga	aatattacgg	60
cttatgaagc	atgtgagaca	gtccccgcca	tgtgctgatt	acacagaccc	ctgtaccaga	120
aatcagaagg	aaaggagtc	gacttgaatc	aaagaaatgt	ctctggcaca	caggccttca	180
aattgatggc	tggagcctgt	cttttaagaa	caaattaatt	cattatagga	aaaaccctaa	240
ctaattgaaa	ggtctaaatt	cttcagggtc	tcttgtgatc	ctgggaaatg	ctagaccgtg	300
agcatcttga	tggaggatgt	gaactgccac	ttcctcacag	gcagcaggca	ggtgctgaat	360
aagtgccttg	tgaatgaatg	aatgaatcac	gccaaagggc	atgttacctg	ttccgccaaa	420
atctgctgct	gctgctgctg	ctgctgcctt	tgtccccgca	ggaactgttg	cttctgctgc	480
tctatcaact	gggcccgtg	atcaatgagc	atctgcttca	tgatggctgc	ttggggctgg	540
ctgcccagga	agccggggcc	tgcgggactg	gtcctgaga	ccatgccacc	tgagcctggg	600
ggcacggagg	actgcatggg	gcctgtggtt	cggggaagtc	caactggatg	ctgctcctga	660
ccgtgggatg	gaagtgcagc	gtaagccatg	ggctgattca	tactccttt	ctgcttcctg	720
agaagcaggc	gtttctggtc	ttcgctcagg	tgtgccctgg	gggcctgaag	ctagaagagg	780
cggacgcgtg	gg					792

<210> 3542

<211> 4490

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4493)...(772)  
 <223> similar to gi4240307 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3542

tttttttttt	ttggtgcagc	gatgtttaat	ggcaattcgt	ataaaccaag	cccatgcaca	60
agtagaaagt	gcccgtggag	ccggcaggag	gccccgcg	cgctagagaa	ccacaagccc	120
ggcgtgcag	ccctccccgc	ggcgcttaa	atagattctt	cactatactc	tgtatgttac	180
agtatgtaca	agaccctcc	cctcgggga	cgggcgagc	tccgcaacgc	gttcctatgt	240
acaccacctc	cccttcggcc	ctgaggtcag	tggccagagt	cggtgatgg	ggtaagacag	300
ggccagagag	ggaggaaaca	gacgcaaaca	tgcggagtcg	ggtggggaca	cggtcagccc	360
tgaaacacga	ggggcgtcg	cagcgaaggc	agtgggtggg	accgaggcgg	atacattcag	420
agacgcgtcg	aacaaataaa	taaggcaagt	caggaggggg	ccgagtcggg	tgcaggcagg	480
aggagctggg	gagcaggggc	aggcagggct	ccggaggtca	cagcgggaaga	tgcaggtatg	540
tggggcgcg	gttttctgga	gccaggacca	aaagagacgg	ggcacgacca	ggagggacga	600
ggagaggggt	gtgggagcaa	ggcgtgggga	ggagggagga	ggcctacaga	gggctccaac	660
aaaggtgaac	aggaaagctg	ccgacagggg	ctccccctgc	cccagaaagc	cctctccctg	720
ttaagactgc	acgaggcgcc	cccaggggtg	tgagaaaggc	ggtggccagg	tcatgtggcc	780
agtcccggct	ggggaagccc	ttccagctcc	tggttctgct	tcagttccct	catcctgtgt	840
cggcagcgcc	gcaggaatct	catgatcttc	cgggctgcct	ggtcctgctt	cttgggtgaga	900
aaggagcctt	tgttcggggc	aggcaggggtg	gccgaagtcc	ggtggggagg	gccgggcctg	960
cggcggtagg	agcggtagtg	ctgctggatg	agcacagccg	ctcggcggct	ctgctgaaat	1020
cgcttctgtt	catagtagct	tccgaacttg	ctctggatca	ggatggccgc	ctgggtcatc	1080
ttcttataga	gtgcaaactt	aagtgcgaatc	caggtcagct	gcttgacttt	ccggtaacag	1140
cgctggatta	cagctgctgc	tacctcctgc	tgctccttca	gccgcgggcc	cttgactttt	1200
cgggaaggccg	tctggatgac	tccggcagcc	tcatacagtt	cccgtgctc	ttgaatctga	1260
ataatgtcaa	caaggcaaaa	atcaactttc	caatcttgcc	cactggtgga	atgcagagag	1320
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acaagcccac	atcagagggg	tgcaagagaa	atgatccacg	ttgagcgggt	caacctcctg	2160
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ctggcaaggc	acctgcccag	ctgctgcgat	ctctgccatc	cgcttctcca	tctgctccag	2460
tcgctctagt	atggacatcc	ggaactgggt	gtcgtccagt	gacagccagt	caagttgagt	2520
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gcgtaagaca	ccaggctgga	caagtgaggc	tggcactgcg	atgtgatcaa	agacacagga	2700
gtaatgctcg	gcggcttcgg	tccaaggacc	tgtgatgagc	accttgacct	caccctctgg	2760
gtaggaccac	tctggggaga	agtctgtgat	ggtgctaaga	gcaggagaca	gctggggggg	2820

tggagcaggg	atgcttggag	cttcgtcact	gatgagttct	cccataaggt	ctgggaatga	2880
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aggctcagtg	cctacaacca	ctgccaaact	catggaaggc	ctaggatcag	cctgtggagc	3360
caagtgcctg	gtgggcgtca	agcctccagc	ccgctgctcc	agtcctgtca	ggaggaggat	3420
agcagtgcct	cctcttgaag	aacccccctg	agaagtggga	gggctaggtc	tgatttctag	3480
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gatagaggtc	agggttaaag	ctcggggctc	cactttggga	gagatgatgc	ggtgtttcgt	3660
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atttgtattc	caccgtagcc	tctctggagg	cagcagcggg	cagcgaggaa	gacactccag	4320
cagcttcttg	gggagaaaga	tcttcagggt	gtggctgttt	tcagcaacct	cgggtggtgtc	4380
cttggtattc	atggtgaggg	ctccaggggg	caaggtcacc	cccggcctga	ggggccgggg	4440
ggagggggag	tctgtgctcc	cgggggtccc	cgggtgacgg	cggcagcggc		4490

<210> 3543

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (67)...(318)

<223> similar to gi4929597 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3543

ggaattccac	tggccttcct	ctcggaggga	caaggaagcg	tggcctccct	ttcactcacc	60
ttacttttcc	ttctgggtcca	gggccagctc	ttccgaggct	ccagcctgct	tttccgcggg	120
gtgtcatcag	gatcatgctt	tgccctggag	taacctgaat	catctaaaaa	acacggtctc	180
aacctggcca	ccgtgggtga	ggcctgacca	ccttggggaca	cctgcaagac	gactccaacc	240
caacaacaac	cagatgtgct	ccagcccagc	cgggcttcag	ttccatattt	gccatgtgtc	300
tgtccagatg	tggggttgag	cgggggtggg	gctgcaccca	gtggattggg	tcacccggca	360
gacctagggg	aggtgaggcg	aggtggggag	ttggcagaat	ccccatacct	cgcagatttg	420
ctgagtcctg	cttgtgcaga	gggccagaga	atggcttatg	ggggcccagg	ttggatgggg	480
aaaggcta	ggggtcagac	cccaccccg	ctacccctcc	agtcagccca	gcgcccaccc	540

tgcagctcag	ctgggagcat	cattctcctg	ctttgtacat	aggggtgtggt	cccctggcac	600
gtggccacca	tcatgtctag	gcctatgcta	ggaggcaa	ggccaggctc	tgctgtgtt	660
tttctcaaca	ctacttttct	gatatgagg	cagcacctgc	ctctgaatgg	gaaatcatgc	720
aactactcag	aatgtgtcct	cctcatctaa	tgctcatctg	tttaatgggtg	atgcctcgcg	780
tacaggatct	gggtacctgt	gcaattttga	aaacccattg	ggt		823

<210> 3544  
 <211> 1533  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1534)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(1089)  
 <223> similar to gi3287501 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3544						
cagatggagc	acgtggtcca	ggcttgccac	cgcttcatcc	aggccagcta	tgaacctctg	60
ggcatctccc	tgccccccct	ggaagcagaa	cccccaacac	ccccaacggc	ccctccacca	120
ggtagtccca	ggcgctccga	aggacaccca	gaccaccta	ctgaatctcg	aaagtgcagt	180
caaggccccc	ccagtccagc	cagccctgac	cccaaggcct	gcaactggaa	aaagtacaag	240
tacatcgtgc	taaactctca	ggcctcccaa	gcaggagacc	tggtcgggga	gagaagttct	300
ggtcaacctt	gcccccaagc	caggctcccc	agtggagacg	aggcctccag	cagcagcagc	360
agcagcagca	gcagcagcag	tgaagaagga	cccattcctg	gtccccagag	caggctctct	420
ccaactgctg	ccactgtgca	gttcaatgtg	gggctccagc	cagtaccccc	tacctctca	480
catcccaggc	tcaagacacc	tctggatcac	cctctgaacg	ggctcgtcca	ctaccgggaa	540
gtgaattttt	cagctgccag	aactgtgagg	ctgtggcagg	gtgctcatcg	gggctggact	600
ccttggttcc	tggggacgaa	gacaaacct	ataagtgtca	gctgtgccgg	tcttcgttcc	660
gctacaaggg	caaccttgcc	agtcaccgta	cagtgcacac	aggggaaaag	ccttaccact	720
gctcaatctg	cggagcccgt	tttaaccggc	cagcaaacct	gaaaacgcac	agccgcaccc	780
attcgggaga	gaagccgtat	aagtgtgaga	cgctgcggctc	gcgctttgta	cagggtggcac	840
atctgcgggc	gcacgtgctg	atccacaccg	gggagaagcc	ctacccttgc	cctacctgcg	900
gaacccgctt	ccgccacctg	cagaccctca	agagccacgt	tcgcatccac	accggagaga	960
agccttacca	ctgcgacccc	tgtggcctgc	atttccggca	caagagtcaa	ctgcggctgc	1020
atctgcgcca	gaaacacgga	gctgctacca	acaccaaagt	gcactaccac	attctcgggg	1080
ggccctagct	gagcgcaggc	ccaggcccca	cttgcttctt	gcgggtggga	nagctgcagg	1140
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agaaattgcc	accctcttaa	tttctcactg	gggagagcag	gggtggcaga	tcctggctag	1260
atctgcctct	gttttgctgg	tcaaaacctc	ttccccacaa	gccagattgt	ttctgaggag	1320
agagctagct	aggggctggg	aaaggggaga	gattggagtc	ctggtctccc	taagggaata	1380
gccctccacc	tgtggccccc	attgcattca	gtttatctgt	aaatataatt	tattgaggcc	1440
tttgggtggc	accggggcct	tcattcgatt	gcatttccca	ccccctctct	gaattgcccc	1500
tgcggaacgat	gctaggttca	ggnnnnnnccc	gct			1533



<210> 3545  
 <211> 607  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (138)...(494)  
 <223> similar to gi5596693 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3545  
 cctgggcgtg ctcccccggt cacctactcc taagagtacc cattacatat cagtttccct 60  
 caccaagctc agccccctct gccctctggt gagtctcctg agtccctttg gagtccctct 120  
 cttgctccca tgcagacaac tggaagcagg agctgacaaa attcatcagc cccgaccagc 180  
 tgcctgtgga gtttgggggg accatgactg accccgatgg caaccccaag tgcctgacca 240  
 agatcaacta tgggggtgag gtgccaaga gctactacct gtgcaagcag gtgaggctgc 300  
 agtatgagca cacgaggtcc gtgggccgag gctcctccct gcaggtggag aacgagatcc 360  
 tgttccccgg ctgtgtgctc agatgtcctg aggttttaca acacctacag cctgggtcat 420  
 tctaaacgca tcagctacac cgtggaggta ctgctcccag accaaacctt catggagaag 480  
 atggagaaat tctaggtgaa cctcatggtc cccacaccct cctctttgat ctctgaatcc 540  
 acaatgagtt cacagccttc cctggccaga ccctgttcaa cctctcagga acagggatcc 600  
 tacaaca 607

<210> 3546  
 <211> 907  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (265)...(747)  
 <223> similar to gil256001 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3546  
 tccagtgtgg tgggaattcgg gctgtcagtg ctcggaggcc tcttcctgct ctttgtgctg 60  
 gagaacatgc tggggctttt gcggcaccga gggctcaggc caagatgctg caggcgaata 120  
 cgaaggaatc tcgaaacacg caacttgat ccggagaatg gcagtgggat ggccttcag 180  
 cccctacagg cagctccaga gccaggggct cagggccaga gggagaagaa cagccagcac 240  
 ccaccagctc tggccctcc tgggcaccaa ggccacagtc atgggcacca ggggtggcact 300  
 gatatcacgt ggatggctct cctgggagat ggtctacaca acctcactga tgggctggcc 360  
 ataggtgctg ccttctctga tggcttctcc agcggcctca gtaccacctt agcgtcttc 420

tgccatgagc	tgccccacga	actgggtgac	tttgccatgc	tgctccagtc	agggctgtcc	480
tttcggcggc	tgctgctgct	gagcctcgtg	tctggagccc	tgggattggg	gggtgcagtc	540
ctgggggtgg	ggctcagcct	gggccctgtc	cccctcactc	cctgggtggt	tggggtcact	600
gctggggctc	tcctctatgt	ggcccttgtg	gacatgctac	cagccctggt	tccgtcctcc	660
ggagcccctg	cctacgcccc	atgtgctcct	gcaggggctg	gggctgctgc	tggggggctg	720
cctcatgctt	gccataaccc	tgctggagga	gcggctactg	cccgtgacca	ctgagggtg	780
atggggccag	tggaaagggg	tcgggttgcc	cttccttccc	cccaaccaca	ggaatggagg	840
cgggacacag	ggccagtagg	agcaatagga	ttttaataaa	cagaacccat	cccaaaaaaa	900
aaaaaaa						907

<210> 3547

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (685)...(351)

<223> similar to gi3236368 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3547

ggaattccac	gctgcttttt	ctcttttccta	aatgcagcgc	ttgcttgggg	acttcaaggg	60
aaggcttttg	gttggtgggc	tgagtgaccc	caggctccga	gaggggcagg	cattgcttgg	120
gaggaggtgg	gagatgcacg	catgccctta	gctaggcgtg	gggtggctca	gttaagaagg	180
gcactgcctc	cgcagcccct	cggcgctcag	ccagctgcag	ccccaaaggt	ctagggcttt	240
agggaaaccga	tccaggtttg	ggggcgggga	gaaagtctg	aggcagctcc	tccctggaca	300
gagcagggcg	accccgcgcc	gggcctgcag	gctcctacag	ctactgcccg	ccagcgggca	360
aggcgaaaggg	ccctaccagc	cagctgagcg	ggggattgtg	ctgtaggccc	tccagcagct	420
gctctaaccc	ctgccaaagcc	tgggtgcacac	cctcgcggtc	ctgcaccagc	cgctctgcgg	480
gcagctcctc	tacagagcca	gctgaggcca	cgatgccata	gagctcacag	aggctgtgcc	540
gcgcccgcgc	cactggctgc	tggagctcgg	cgggcaggcc	ctggaggctg	gagaccaggc	600
cactgtaggc	cgtgtgcagc	tgccggagaa	ggccgcagac	cctggacaga	accccgcat	660
cccgtcctg	tgggaggaag	gcgcaaggtg	agtggagacc	catgggcggg	gtggggggac	720
cctagccctg	tgccagaccc	atctcctgga	cagcagcgtc	ctccgcactg	gcacctgagg	780

<210> 3548

<211> 2796

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(1655)

<223> similar to gi2827158 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3548

ggaaatccca	acacggggga	tccttcagct	catgcacagt	tgcaaagagg	gctacgttaa	60
agatttgaaa	ggtaaccag	gcctgcacag	ggccatgttg	gatcttgata	atggtagacg	120
tccttcagag	ttgggccatc	tcagtcagac	agcgtccctg	aagaggggca	gcagctttca	180
gtctggctga	gacgacacgt	ggagatacaa	aactccccac	agggtggcct	ttgttgaaaa	240
attgacaaaa	ctcgtcttga	gccagctgcc	taacttcttg	aaactctgga	tctcctacgt	300
taatggaagc	ctcttcagtg	agactgctga	gaagtctggc	cagattgaaa	gatcaaagaa	360
tgtaaggcaa	agacaaaatg	attttaagaa	aatgattcag	gaagtaatgc	actccctggg	420
gaagcttacc	cgcgagagccc	tgcttccctc	cagcatccgg	gatggggaag	ccaagcagta	480
cggaggctgg	gaggtgaagt	gcgagctctc	cggacagtgg	ctcgctcacg	ccatccagac	540
tgtaagactt	actcatgaat	cgttgactgc	ccttgaaatt	cctaatagacc	tgttacagac	600
tatccaggat	ctcatcttgg	atctccgagt	acgttgcgta	atggccacgt	tgtagcacac	660
ggcggaagaa	ataaagagat	tagctgaaaa	agaagactgg	attgttgaca	atgaaggact	720
gacttctcta	ccatgtcagt	ttgaacagtg	catcgtgtgt	tctctgcagt	cactgaaggg	780
ggttctggag	tgcaagccgg	gagaggccag	tgtcttccaa	caacctaaaa	cacaggagga	840
ggtttgccag	ctaagcatca	atataatgca	ggtttttata	tactgtctgg	aacagttgag	900
caccaagcct	gatgcagata	tagatactac	acatctctct	gttgatgttt	cttcccctga	960
cttgtttgga	agtatccatg	aagacttcag	cttgacctca	gaacagcgcc	ttttgatagt	1020
cctaagtaat	tgctgctatc	tagaacgtca	caccttecta	aatatcgag	aacattttga	1080
aaagcacaa	ttccaggga	tagaaaaaat	cacacaggtt	agcatggcct	cattgaaaga	1140
actagatcaa	agactctttg	aaaattacat	cgagttgaaa	gcagatccca	tcgttggtct	1200
cttagaacct	ggaatttatg	caggatattt	tgattggaag	gactgcctgc	ctccaacagg	1260
tgtagaana	tattttaaag	aagcactggg	gaatataatt	gccgtgcctg	cagaggtgtt	1320
caccatttcc	aaagaactgg	tccttcgggt	actatccaag	gtgatagaag	cagtttctga	1380
agagctcagt	cgactgatgc	agtgtgtttc	atccttcagc	aaaaatggag	ctttacaggc	1440
gagacttgaa	atctgtgctt	tgaggagcac	tgtggctgtt	tacctgacac	ccgaaagcaa	1500
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gttactggaa	gagctcctga	acaagttcaa	gagtagcatg	cacttgcagc	tcacctgttt	1620
ccaagcagct	tcttcaacca	tgatgaaaac	ataaatatct	gccacataaa	agaagtccag	1680
gaaaataaca	cgtaataaga	ctgttcactc	tctaagtacc	ctaaaggat	ttggtgtatt	1740
aaacattggg	tttgccattt	ttctcttttt	tcttctctct	acttcgaaaa	ttgttggtat	1800
acatttcaac	caaaatgacc	tcatttgaaa	tgcccaggaa	gtatttggtt	tgccattctt	1860
actagatcag	atcctgtatg	acttttaaat	acatttttaa	atatattttg	catctcagca	1920
gaaggttgag	tgctgcagga	agagctgctt	ctgcagggag	ttttctggaa	tggtgtggca	1980
catattgaag	catttctcag	tgtcccgttc	acggaagcgc	aggcagctcc	cacgacacac	2040
ggagagactg	actgatacga	gatttggaag	gctatgtaga	catctttgga	gctcttactg	2100
tcctaaactg	tacagctgtg	cttaaaaccc	ttatttcata	taaatggcct	taagttttct	2160
aattcaagcg	ggtttttgga	aaaatttatg	gtctccatta	aaatacatat	tacaactggg	2220
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aataagttca	ggtcaccggg	acttctctca	gagtcagcgg	cccacccaac	tccttcatac	2760
cgtagcatct	gaaaatttca	gagaggaatc	tctttg			2796

<210> 3549  
 <211> 4197  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(3727)  
 <223> similar to gil469193 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3549

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ccctgctgcg	gggactgtcc	tcagggtggt	cctcacctct	gcttccggcc	cctgtgtgca	120
accctaacaa	ggccatcttc	acggtggatg	ccaagaccac	agagatcctc	gttgctaacg	180
acaaagcttg	cgggctcctg	gggtacagca	gccaggacct	gattggccag	aagctcacgc	240
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agaagattcc	agtgtctgtg	tggatgaaga	ggatgcgcca	ggagcgccgc	ctatgtgtcg	420
tggtggtcct	ggagcccgtg	gagagggtct	cgacctgggt	cgctttccag	agcgatggca	480
ccgtcacgtc	atgtgacagt	ctctttgctc	atcttcacgg	gtacgtgtct	ggggaggacg	540
tggctgggca	gcatatcaca	gacctgatcc	cttctgtgca	gtccctcctc	tctggccagc	600
acatcccaaa	gaatctcaag	attcagaggt	ctgttggaag	agccagggac	ggtaccacct	660
tccctctgag	cttaaagctg	aaatcccaac	ccagcagcga	ggaggcgacc	accggtgagg	720
cggccctgtg	gagcggctac	cgggcatctg	tctgggtggt	ctgcaccatc	agtggcctca	780
tcacctcctc	gccggatggg	accatccacg	gcatcaacca	cagcttcgcg	ctgacactgt	840
ttggttacgg	aaagacggag	ctcctgggca	agaatatcac	tttcctgatt	cctgggttct	900
acagctacat	ggaccttgcg	tacaacagct	cattacagct	cccagacctg	gccagctgcc	960
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ctgagctgat	tgctggaggc	cagctccttt	cctgcctctc	acctcagcct	gtccaggggg	1200
tggacaatgt	cccagaagga	agcctgccag	tgcacggtga	acagggcgtg	cccaaggacc	1260
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agaaggccca	gctagagcgg	atgggagtca	gtggtcccag	cgggtcagac	ctttgggctg	1500
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cgggcagctc	ctcagcctgc	tatgccttgg	ccacggacct	ccctgggggc	ctggaagcag	1920
tggaggccca	ggaggttgat	gtgaattcgt	tttcctggaa	cctcaaggaa	ctctttttca	1980
gtgaccagac	agaccaaacg	tcatacaatt	gttcctgtgc	tacgtctgaa	ctcagagaga	2040
cacctcttct	cttggcagtg	ggctccgac	cagatgtagg	cagtctccag	gaacaggggt	2100
cgtgtgtcct	ggatgacagg	gagctgttac	tactgaccgg	cacctgtggt	gaccttggcc	2160
aaggccgacg	gttccggggag	agctgtgtgg	gacatgatcc	aacagaaccg	cttgaggttt	2220
gtttggtgtc	ctctgagcat	tatgcagcaa	gcgacagaga	aagcccagga	cacgttcctt	2280
ccacgttggg	tgctggccct	gaggacacgt	gcccacagc	agaggagcca	aggctgaacg	2340
tccaggtcac	ctccacgccc	gtgatcgtga	tgcgcggggc	tgctggcctg	cagcgggaga	2400
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agtttgaggt	gaggcgggtg	gagctccagg	gccccacacc	tctgttctgc	tgctggctgg	2520

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ccggagctgg	agatgtggtc	tctgggagtc	actctgtaca	cgtgtgtctt	tgaggagaac	3360
cccttctgtg	agctggagga	gaccgtggag	gctgccatac	acccgccata	cctggtgtcc	3420
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ttggagaagc	tggtgacaga	cccgtgggta	acacagcctg	tgaatcttgc	tgactataca	3540
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gagatgggga	acaggagcct	gagtgatgtg	gcccaggctc	aggagctttg	tgggggcccc	3660
gttccaggcg	aggctcctaa	tggccaaggc	tgtttgcatc	ccggggatcc	ccgtctgctg	3720
accagctaaa	caccaatttc	ttcctgcttt	tctccacttg	gtttggaaaa	tcacacagtt	3780
ttcaggctcc	atctgttttg	agaaaataca	ttctgaagca	tccccaattc	accttctaaa	3840
aactcatgtg	caggtttgat	aaacaccaga	acagaagaca	gtgatgctgt	attatttttag	3900
atttattaca	tagatttgga	attcactttt	ttcatgacct	agaaaaaaac	attccagtgt	3960
tcaactgttt	tatattatta	aagggttttt	aatttgtgaa	cttctgaagg	catgagtgtt	4020
ttctctttct	acttttgat	atgtgcatgt	tttgtttcct	ctgacttggt	atatgtcat	4080
ctgagtgcgc	gatattgtgaa	ctgggttagtc	aaatggccag	actatttcat		4140
taattttatt	cctcaaatgc	ttttcaaatt	aaagcacctt	tgtagtaaa	cagttaa	4197

<210> 3550

<211> 1239

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1240)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1169)...(931)

<223> similar to gil710216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3550

agagtttttt	ttttttttaa	tcagaatgac	aaaggtaaag	cagtgttttag	gaacataaat	60
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cgagcagccc	tgaaaactgt	tcctgccctg	gcctcacctc	gtcaccacgt	ctgctgtgga	180
aagggtgcgc	acctggaggc	tgtgctgttg	aacaggcaca	tcgaggaggt	ccaacacagc	240

gtcagaactc	ccacgccttc	ttctcagctc	tgcccccttg	tcagctgtca	ggtgactccc	300
aggcagagtc	cgttttgagg	ctcctgggac	tgggaatacgg	gaccagcctg	agttgctgtc	360
agtcacgtcg	caggagaaaag	gactggcaaa	ggctcatggc	cccttgaaat	tctgttcctt	420
ctaggccttt	cctaagaagc	ttgtggcctt	ctcaacttgg	attgaccgga	cccgtctggc	480
caggaacacc	tgggccatgc	tcgccatctt	catcctgggt	atggcaaatg	tcgtggacat	540
ggtgagctcc	tgtgttcctt	gttgaaggga	cgccccctgt	ctcagtggag	aagggtctct	600
gtttgggtca	cacaagcagt	ttctcagtec	atccctccac	cgcatgttag	ctttggagtg	660
gctcttaggt	tcccaaacac	atcatcccca	cctagtggaa	ggagtcttgt	ccctgtcatc	720
cagggagcct	ctgggatgga	cttgtttcct	tgaagctcct	ctcccagagt	ccgagagcac	780
agttccatgt	gccagggcct	gtgctaggta	ccttatgtat	gttgattcat	ttaatctgtg	840
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acttgggagg	ctgaagcagg	agaatcgctt	gaaccacagga	ggcggagggt	gcagtgagcc	1140
gagattgagc	cgctgcactc	cagcctaggg	aacagacagc	aagacgaatt	ccaccacact	1200
gantagggat	ctcgaaaggg	ntcgaanng	gcctctcca			1239

<210> 3551

<211> 1587

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(783)

<223> similar to gi4210354 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3551

atgaggatgg	aggccgggga	ggcagcgccg	ccggcggggg	cgggcgggcg	cgccgcagge	60
ggctggggca	agtgggtgcg	gctcaacgtg	gggggcacgg	tgttcctgac	caccgcggcag	120
acgtgtgtcc	gcgagcagaa	gtccttcctc	agccgcctgt	gccaggggga	agagctgcag	180
tcggaccggg	atgagaacgg	ggcctacctc	attgaccgtg	acccaccta	cttcggggccc	240
atcctgaact	tcctccggca	tggcaagctg	gtgctggaca	aggacatggc	tgaggagggg	300
gtcctggagg	aagccgagtt	ctacaacatc	ggcccgtga	tccgcatcat	caaagaccgg	360
atggaagaga	aggactacac	ggtcacccag	gtcccaccca	agcatgtgta	ccgcgtgctg	420
cagtgccagg	aggaggagct	cacgcaaagt	gtctccacca	tgtctgatgg	ctggcgcttc	480
gagcagctgg	tgaacatcgg	ctcctcctac	aactacggca	gcgaggacca	ggcagagttc	540
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gaggaggtgg	aggtggaaca	ggtgcaggtg	gaggcagatg	cacaggagaa	agctgttaca	720
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gtggactgct	catggcagat	gtgtggcaat	gtctggtgtg	gtctctccgg	cacctgcgtc	1020
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cctccttgag	ccttagtcca	gggggtcact	cctcccaccc	cacctacctc	acagggttgt	1140
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ccaccttcag	ctgccctggg	atgggaagga	cccagcccga	cccctgggca	taacactgtg	1260
tttgcaaagt	gagattcagg	tattggggat	gcaggttgtg	gggagctggc	ctggcagagt	1320
aggggtagtt	ggcttggcct	tctcttttgg	gatcccaccc	ccagccattt	gcattgctgg	1380
cccagcgctt	ggcctggggg	gcggggagag	gcagcagaag	gggctgggca	ggggcggtgg	1440
aggactcagg	aactgcccgg	ggagagtggg	tatggcggct	gagccagggg	ccctcctgtg	1500
tttgacttcc	cgggatgggt	ccttgcttct	cagctgtgtc	cgaccccacc	atgtaataaa	1560
acccaaagga	acagcccaa	aaaaaaa				1587

<210> 3552

<211> 4367

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4368)...(707)

<223> similar to gi4240217 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3552

tttttttttt	ttgtgcaaga	tttaataaaa	aacaaacaaa	aataggaaat	ggttgctttc	60
aaaaatttcc	ccaggttgtg	aaaaggtttg	ccaacgactc	tcaggggggtg	tggttctaag	120
ctgcatcaag	tgaacaaaat	acaaaatgct	gtccctcctc	cctgggctcg	gaaggcagtg	180
cacttttctc	ctcttaacag	cccagactag	cgggtgagga	gtcagtgtcg	tgacccaggg	240
gccaagctgg	agtgtccgca	tagctttttc	tctgaccagt	ggggattcca	tctacctga	300
ggcgtgctgg	cctgggcccc	gtttccacac	cagcacatgg	tgagacaggg	tagcttatca	360
acaggctgct	gggccttaat	actgacagt	agtgttgggc	cgggtcacag	ccaggggaaa	420
ggacttaaca	cagattgccc	tcccaagccc	ccactggctg	ggcctaattt	taggattacc	480
acgggaaaaa	aagctttgat	gaaagacaac	aggaagtcaa	cacagcagag	agtgggtgtg	540
acaaccaga	agccagcctc	acgcattcca	tgcccacagt	taacgatgac	aacaacagca	600
ataataataa	taataataaa	acaaaggtac	aggtgaaaag	cagcgcttgg	ggtgtgctgc	660
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ccctggattc	aaagagcttc	aaccgttctt	gcaccgtcag	gccttccttc	agactcttgg	780
acctgatgtt	tctgagttgc	cgggtgacac	aggatctgtc	tttcttcaag	aagtcagggt	840
tgcttttaga	tttcattata	tcatatccgg	acaccgtggc	actgtcaggg	gacttctccc	900
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aaagtgccat	ccctttctgt	ctcttcaggg	gtactccgtg	gctcttccat	gtccttttga	4320
gattcacttg	caaatttctc	taaaatctct	tcttttgctc	ggagctt		4367

<210> 3553

<211> 1919

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(940)

<223> similar to gi5748546 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

<400> 3553

atggagccag	gcagcgtgga	gaacctgtcc	atcgtgtacc	ggagccgcga	cttcctggtg	60
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cagaagcagc	tgcggtaccg	ctttcccagag	ctggccgacc	ctgacacctg	ctacgggttc	180
aggttctgcc	accagctgga	tttctccacc	agcggggcgc	tgtgctggc	cctaaacaag	240
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tgaccccgag	gatagggggc	ccaggccagg	cagcccctcc	gcactcctgc	ctgggcccgg	840
ccggcctcct	ccacccccaa	ccaagccccc	tgagactgag	gcacagcggg	gcccctgcct	900
gcagtggctg	tcggagtggg	cgctggaacc	ggacagctga	gagccgtggg	gctggggcag	960
ggggtgtcag	ctgcacagcg	gagactctag	ggagatgggc	gagcgagcgt	ctgctcactg	1020
gctctggggc	ctcgaggtgc	caggcagcat	caggccact	gggttgcccc	ggccaggcct	1080
gcgaggaagg	gctgaggtgg	ggccggcagg	gggcggcagg	cagccgtgat	cacaggtgac	1140
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gcctcactgt	accagtgggt	ccctctctgc	ccggattctg	agctcagtgt	ggtgttttgt	1620
gcacaggggt	tggtcagggg	ccatggccaa	ggccctgcca	cgcacgcccc	tccctcagat	1680
ccactgtgag	caccaacctg	ctgcagtctc	ttgggcccct	gctggcagct	ctgccacgtc	1740
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gggagctgtg	ggtctgccag	gtcccacctc	ctctgtcccc	catgccacaa	cctgggctcc	1860
tggctacagc	agggctccag	ggactccaaa	taaagtgtca	gtgactggca	aaaaaaaa	1919

<210> 3554

<211> 601

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (42)...(506)

<223> similar to gi2827495 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters



ctgccgcaga	gtccccagge	cctgcagcag	ctggtcatgc	aacaacagca	ccagcagttc	1560
ctggagaagc	agaagcagca	gcagctacag	ctgggcaaga	tcctcaccaa	gacaggggag	1620
ctgcccagge	agcccaccac	ccaccctgag	gagacagagg	aggagctgac	ggagcagcag	1680
gaggtcttgc	tgggggaggg	agccctgacc	atgccccggg	agggtccac	agagagttag	1740
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aacgtggcat	ggacaggagg	tgtggacccc	cccattggag	acgtggagta	ccttacagcc	2820
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cagggggccg	ggtggtgctg	gccctggagg	gaggccatga	cttgaccgcc	atctgtgatg	3060
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attgtgattt	tgtttatttt	ttctattaaa	aacaaaaagt	cacacattca	aaaaaaaaaa	3479

<210> 3556

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (741)...(261)

<223> similar to gil706967 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3556

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ggcgctgcag	gaagaggctg	tccgccgggc	ctgggctgct	ccagctacgc	ggggaggcgg	180
ccccattgca	aagtgcagtt	tctccgcgga	ggtgggcggt	gggtcagtgg	gcagagggcc	240

atggtttcca	tgttaagga	agcggacgtg	catcttggtc	tcaatgtcga	tccccctgcc	300
gatcttcagg	aagtcctcga	aggtgatccc	ctcgtacacc	tgatcaggct	ccatctgccc	360
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ggtcaggaag	tcttcgaaat	tgatctcatc	agccaggcca	ctgggtccct	tgcgcagggt	660
cctgttgtcg	aaaagccacg	aaaaattttg	aattcgaggg	ggtttacccc	caagtgcggg	720
gaattgttta	agttcttcc					740

<210> 3557

<211> 1116

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(996)

<223> similar to gil84240 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3557						
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cggcgccgccc	cggcaaccag	aaaaacagcc	cggaccgcgt	caagcggccc	atgaatgcct	180
tcatggtgtg	gtcccgcggg	cagcggcgca	agatggccca	ggagaacccc	aagatgcaca	240
actcgagat	cagcaagcgc	ctgggcgccc	agtggaaact	tttgtcggag	acggagaagc	300
ggcgcgttcat	cgacgaggct	aagcggctgc	gagcgtgca	catgaaggag	cacccggatt	360
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ccggcggggct	gctggccccc	ggcggcaata	gcatggcgag	cggggtcggg	gtgggcgccc	480
gcctgggcgc	gggcgtgaac	cagcgcatgg	acagttacgc	gcacatgaac	ggctggagca	540
acggcagcta	cagcatgatg	caggaccagc	tgggctaccc	gcagcaccgc	ggcctcaatg	600
cgcacggcgc	agcgcagatg	cagcccatgc	accgctacga	cgtgagcgcc	ctgcagtaca	660
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ctcgcagcag	ggcacccttg	gcatggctcc	tggctccaat	gggttcgggtg	gtcaagtccg	780
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ccggggacct	ccgggacatg	atcagcatgt	atctccccgg	cggccgaggtg	ccggaacccg	900
ccgccccag	cagacttcac	atgtcccagc	actaccagag	cggcccgggtg	cccggcacgg	960
ccattaacgg	cacactgccc	ctctcacaca	tgtgagggcc	ggacagcgaa	ctggaggggg	1020
gagaaaatttt	caaagaaaaa	cgagggaaat	gggaggggtg	caaaagagga	gagtaagaaa	1080
cagcatggag	aaaacccggt	acgctcaaaa	aaaaaa			1116

<210> 3558

<211> 2990

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2662)  
 <223> similar to gi3043726 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3558

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gcggcagccg	cggcgccggc	ggctgcagcg	gcagcaaccg	ggacggaggc	tggccctggg	180
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cgggcctcgc	cccccgggg	cctggcgga	ccgcgggggt	ccgcagggcc	tcaggccggc	360
cctactgtcg	tgcctgggtc	tgcgaccccc	atggaaactg	gaatagcaga	gactccggag	420
gggccgtcgg	accagccggc	gcaagcgggc	gaaggtagag	tacagagaga	tggatgaaag	480
cttggccaac	ctctcagaag	atgagtatta	ttcagaagaa	gagagaaatg	ccaaagcaga	540
gaaggaaaag	aagcttcccc	caccaccccc	tcaagcccca	cctgaggaag	aaaatgaaag	600
tgagcctgaa	gaaccatcgg	gtgtggaggg	cgcagctttc	cagagccgac	ttcctcatga	660
ccggatgact	tctcaagaag	cagcctgttt	tccagatatt	atcagtggac	cacaacagac	720
ccagaagggt	tttcttttca	ttagaaaccg	cacactgcag	ttgtggttgg	ataatccaaa	780
gattcagctg	acatttgagg	ctactctcca	acaattagaa	gcaccttata	acagtgatac	840
tgtgcttgtc	caccgagttc	acagttatct	agagcgtcat	ggtcttatca	acttcggcat	900
ctataagagg	ataaaacccc	taccaactaa	aaagacagga	aaggtaatta	ttataggctc	960
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cggacaagct	gttcctaaag	agaaagatga	aatggtagag	caagagttta	accggttgct	1260
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aagactgag	caagcaagt	ctgtgaaat	acatcatct	agtcctctg	tgtgtgggg	2940
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<210> 3559

<211> 5906

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (11)...(5229)

<223> similar to gill136398 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3559

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acctcccagt	ccaagttcag	ctgaaaaagt	gaaagctaata	aaagatgtag	cttcaccatt	180
gaaggaactg	ggtttaagaa	tcagcaagtt	tttgggtctt	gatgaagaac	agagtgtgca	240
gttactccag	tgttacctgc	aagaggacta	caggggtact	cgggactcag	taaagacagt	300
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agaaagaacc	tgtattcttc	gttgtgtctt	acacctcttc	acttacttcc	aagatgaaag	420
acacccctat	agggttgaat	atgcagactg	tgttgataaa	ttggagaagg	aactagtttc	480
aaaatacaga	cagcagttcg	aagagcttta	taaaactgaa	gcaccaactt	gggagacaca	540
tggaaatctc	atgacagagc	gccaaagtgc	tcgctggttt	gttcagtgcc	ttcggaaca	600
gtccatgctg	ctagaaatta	tttcccttta	ttatgcatac	tttgagatgg	cacccagtga	660
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gacctttggg	gacattccac	atcatgcccc	agtgcctttg	gcctgggctc	tcctccgtca	960
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gatgattagt	gcggaaggga	tgaatgctgg	agggtacgga	aacctcttga	tgaacagtga	1980

acagcctcag	ggcgagtatg	gggttactat	tgcctttctg	cgcttgatca	ccacccttgt	2040
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<210> 3560

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (585)...(889)

<223> similar to gi4226107 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3560

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gacttgccgg	gaaaccgagg	taggagacct	tgctggcaat	gagctggctg	agcctgaggc	240
taagcggatc	cgactggagg	atggacagac	ggcggacggg	cagacggagg	aggcagcaga	300
gcccggggag	cagctacaga	ctcagaagag	ggcccgggga	caaaacaagg	gccggcccca	360
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acaagaggat	caacgagcgg	ccgccctact	acctgggccc	cgactacctg	gagacgctga	780
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ccccagctt	cgccttcttg	ccgaagcaca	aggccaacgc	gtacaagtag	cctcaggctt	900
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cgtgccg						967

<210> 3561

<211> 1211

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (24)...(569)  
 <223> similar to gi1658503 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3561

ccatcgattc	gaattcggca	cgaggaagca	tgtccctgca	tttaggcaat	gaagtgtttg	60
atgtgtacaa	agccccactg	cagggcgacc	acaatcatct	ttttataaga	caaggtactg	120
gtctacaggg	acaagcagtc	tttaaaacga	aactcacctt	cagacctcac	tctacggaca	180
gtgccacaca	tagaaagatg	actctgtcac	ttgcagatag	gtgttcaaag	acacagaaga	240
ttagaatctt	gccaatggct	ggtcgtgac	ctgaatgcca	acgcacagaa	atgattaaga	300
aagaagaaga	acgtttgagg	gcttccatac	gtagggaaac	tcagcagcgc	cgaatgagag	360
agaaacagca	ccagcggggg	ctgagcgcca	gttacctgga	acctgatcga	tacgatgagg	420
aggaggaagg	cgaggagtcc	atcagcttgg	ctgccattaa	aaaccgatat	aaagggggca	480
ttcgagagga	acgagccaga	atctattcat	cagacagtga	tgagggatca	gaagaagata	540
aagctcaaag	attactcaaa	gcaaagaaac	ttaccagtga	tgaggtaaga	ccaaatttat	600
tcaattctag	gggtttatcc	tgtactcagg	agccaactgc	tttgaatgaa	gagctcacag	660
atcaggcagg	cacaaattag	ttgtctacac	acgtcactga	aatccagtga	gataaatgca	720
gtaacaagac	agagtgatcc	agaggaggat	ctgatacctg	tgcttagaga	ggcttagaa	780
ggctgcatgg	aggataagac	ttcttgctgg	gtgttgaaga	gtgatcagaa	gcttgctggg	840
caaactgtcc	tgtctctggg	aggtcactcc	ggatagatgg	aaaggcctat	aatactttgc	900
atatggagtc	tgcaaaaatc	gtgaccatct	ttatgttccc	catgtcacac	tggtccactg	960
cattgatgac	attatgctga	tggtatctga	tctgatgagt	aggaaataac	tccttgcttt	1020
gacttccaat	ttttccaga	tgaagagact	cattgttagt	tctctaattg	tccttctctg	1080
catctgcac	tctctctgga	aactgagatt	tcatttccct	tctcttctcc	tctctctgac	1140
tgcaatcggg	gatattcttt	gtaaaagact	gacgttgcca	cctgcctctc	ctcacttcca	1200
ctgcactccc	a					1211

<210> 3562  
 <211> 3029  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3031)...(73)  
 <223> similar to gi5419885 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3562

tttttttttt	ttaggcgccg	tagctgcgtc	cccagaaccg	ggagacttaa	ggcatcttta	60
ttgcgggac	ctcacacggc	ctcctgggcc	cggcgatact	catagacgct	gccgtgctcg	120
ggaaaggcca	gtgcttgccg	gggcgacccc	ggcgggtggg	cggggtcctc	cgggtcccca	180
tagccaccgc	cgccgggctg	gtggagacag	aacacatccc	cggggtacac	ggtcaccgac	240
gtcttgccgc	ccagattcac	cgtccggccg	tttttgccga	tcagcagggt	taggccgcgg	300
gcgccaggct	cgcccccggtg	gagcccgtat	ggccggaagg	cgccggcgctc	ggtcagcact	360
gacagcagcg	cctcctcacg	aaaaagcagc	tcgcgggtga	cgccgtcgcc	gcctcggaag	420

cgccctctgc	ccccgagcc	ccgccgcagc	tccaagcggc	gcaggatgac	cgggtaccgg	480
ctctccagga	tctcagggtc	ggtgatgcgt	gtgttggtca	tgtggctgtg	cacaccgctg	540
cgcccggtgc	agctgggacc	cgcccccgcg	ccgcccgcca	ccgtctcgta	gtagcccatg	600
tgggcgttgc	ccagggtcac	gttgttcatg	cagccctggg	aggcggcgca	ggccccaag	660
gccccagga	tgacatccac	cacgcgtgc	gacgtgagca	cgttgccgcc	caccaccgcc	720
gcctcgggcg	acgggtccag	gatggagcct	cggggaatga	ccacgcgcac	tggcgccagg	780
cagccctggt	tgagtgggat	gtcgcggccc	accagacagc	gcaggcagta	gatgagggcg	840
gacagggtta	cggcccgcgg	tgcgttgaga	ttaccaaaca	cctccggccc	agtgcgctg	900
aagtcaaaca	cagcgtgcc	ctgactcagg	ctgatctgca	cacggaggcg	gatgggggaa	960
ccgtcgtcca	tgtggtcttc	cgaggacacc	tccaggggca	ggccccgggc	ctgccgggag	1020
gttccaaagg	cacgcaacat	gtctcgacag	gccagctcag	cgtttgcctg	aatatggccc	1080
atgtaggcct	gcaccacgtc	caggccgtac	tggcccaaga	agctcccca	ccagctggat	1140
gcccttcttg	ttggctgcca	cctgggcacg	gaggtccgac	aggttgtcgt	gcaggtttct	1200
ggttccgctg	cagttgggga	ccttgccctg	cgcccgagg	gcctccgtca	cdgcctcctc	1260
ctggaagacg	ccccctgga	caagtttgaa	ggacagaaag	acggcaccct	cctgttgag	1320
catggtggag	tgggggggca	tggagccctg	tgtgatgccc	ccgatgtctg	cgtgggtgcc	1380
tccgctggcc	acatagaaca	caggccgcgt	ctgaccggc	caaacaccg	gtgtgataac	1440
agtcaggctt	ggcaggtggc	tgcccccgcc	actgggatgg	ttgctcagta	gcacgtcgcc	1500
agggtggaga	tggccccca	ggtgctgaat	ctggaactgc	accgtctcct	gcatggcacc	1560
caggtgcaca	gggatgtggg	gggcattgga	caccagcccc	ccatcggggc	caaagagggc	1620
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gcccattctgc	tcagcaatgc	tcataagcgc	gtgtgagaag	atggacagct	ggatagggtc	1740
cagctggggg	cccactgtgc	cggggacttc	ggccccacg	gagatgcaga	tgtcccctgt	1800
cttggtcacc	tctgcctggc	aacctggctc	caccaggatg	gtgctgttac	tgtcgatgat	1860
gaggcagggc	ccatggagct	tgtgccata	gcccagctct	gccagcaggt	acacaggggt	1920
ctcctggtag	ccccctcaa	agtagcactg	ggtcatcttg	tccaccggg	gaggcccggt	1980
ctgggctttg	ggggcatcct	cgaggcgaag	accactgcgg	ccggtgcccc	gcactcgac	2040
atcgtccacg	accaccggcc	gctcaggtat	gacaaagcca	aactccctca	tgtaccgctc	2100
cacaaaggct	gggggcagga	caggcgggag	agcagagggtg	gacgtacctg	cgtgagtgca	2160
cggatggggc	ggcacatggc	ctcgttggcc	acgcgcacga	accccatggc	cacctcctcc	2220
aggctcagcg	gggaggccgg	gcaggggccc	ttggtcagga	agctgttgac	ctcagtggcc	2280
acagcctcca	gggcttttgc	ggaggcctca	ggggaaagtg	gttgggttctc	tcccgcccca	2340
aaaatgcagg	ggaaggaggc	aggcagcagg	cgaccacagga	ccagattagc	atccgtcact	2400
gtcacagggc	cccctgggag	gtggacaggg	tgtggggctt	gggggctgga	ggcaggggag	2460
caggagtagg	cagcagggat	agggctgaca	ggaggggctg	ggcctgcggc	ggcaagcgga	2520
gggcaaggcc	aggccggcca	gatacctgact	cttacctttg	cggtagcagg	cgggtcctgg	2580
gtgggctcct	gctgactcgg	gccaaccac	aaagaggcca	gacctgaaga	agaggcgga	2640
acccccctccc	gctgccacgg	tgttgatgtc	cagctgcggg	gcctggaggg	tgacgccagc	2700
tgtgctggcc	tccaagacgt	gctcgaattc	cccagcatag	cgggctcaca	tccgtggacg	2760
tgcctcccat	gtcaaagccg	atgacaggct	ggccaccctc	ctgctggtag	gtgggtggctg	2820
agtagccac	cagcccgccg	gccgggcccg	agagcacagc	actggagccg	ctgaagggtgt	2880
ccatgggcgc	caggccgcca	tccgagcgca	tgaacaacac	ctgcacatcc	ttgagttggc	2940
cctggaagcc	acggcagaag	ccctgcacgt	agcgtggat	ggcgggcgtg	aggtaggcgt	3000
cggcacaggc	cgtgtgcccc	cgagggacc				3029

<210> 3563  
 <211> 2007  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2) ... (543)

<223> similar to gi5457357 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3563
aggggggcctc ttcggtgttg gtgagacagc agccaagatc ttaaaaagca acatcgatgt      60
gttatttgca gacgtagctg ggtgcgaaga atcaaattgg aaattatgga atttgtgaat      120
ttcctgaaga atcccaagca gtatcaggac ttaggagcaa aaattccaaa gggagccatg      180
ctcactggtc ctctggttac cggcaagacc cttcttgcca aagcaactgc aggggaggcc      240
actgtgccct tcatcactgt gaacgggtct gagttcctgg aaatgtttat tggcggtggg      300
ccagcaaggg gttcaactct gccaccaacg tegtgtgttt ggctggcacc aaccgccctg      360
acgtcctgga cccggccctc atgcggcctg gccggtttca tgcgcagatt tacactggtc      420
ccccttacat taaaggcagg tcttccatct ttaagggtcca cctgcgcccc ctgaagctgg      480
acaagagcct caataaggac accctggcga ggaagctggc agtgctcacc ccaggcttcc      540
ctgatgtctg tttacatacc aaagttaaaa agctggaatg ttaccaagac tgctttcttc      600
tgcccataga cggggatgac tcagcactac ccctcaacag agatgacttt gatgactctg      660
cccctcagca gggcttacta agcactaccc cttaacaggg atgactccgc actgcccctc      720
aacaggggat actcagcagg gatgactcag cactgccctt caacagggat gactcagcag      780
ggatgactca gcactgtccc ttagcagtga tgacacagca aggatgactc agcactgccc      840
ctcagcaagg atgactcagc actgccgctc aacagacatg actcagggat ggcttagtac      900
tgcccctcag cagggatgac tcagcacccg ccctcaacag ggatgactca gcactgcccc      960
tcaacagggg tgactcagca gggatgactc agcactgtcc cttagcagcg atgacacagc     1020
aaggatgact cagcactgcc cctcaccaag gatgactcag cactgccgct caacagacat     1080
gactcagggg tggcttagta ctgcccctca gcagggatga ctcagcaggg atgactcagc     1140
accacccctc aacaggggat actcagcagg gatgactcag cactgccctt caacagggat     1200
gactgcaggg atgactcagc actgcccctc agcagggatg actcagcact gcccctcagc     1260
agggatgact cagcagggat gactcagcac cggccctcaa caggcatgac tctgcagaga     1320
tgactcagca ctgcccctca gcagggatgg ctcagcaggg atgactcagc attgcccctc     1380
aacaggggat actcagcaga ctcagcaggg atgactcagc actgcccctc aacagacatg     1440
actcagcagg gatgactcag caccacccct cagcaaggat gactcagcag ggatgattca     1500
gcagagataa ctcggggatg actctgattg tccttcagca gggatgagtc tgttttgttc     1560
cgatggaagc atctgtagtg tccatcagca ggtgaatggc caaagtggta tatactgtag     1620
tcacattcag ctataaaaag gaataaagta tcgatgcatg ccacaacatg ggtgaacctta     1680
gaaaatactg atctaaatgc aagaagccag gcacaaaagg ccacatagta tatgttccca     1740
tttatgtgaa atgtgcagaa taataataaa aatgtataga atagcaaate tgtagggaca     1800
gacatgaggt gagtggttgc cagaagtggg aatgggagtt aactataaat tgcacagggt     1860
accttacaga gatgatggaa atgtcctaaa actagattat ggcaatagtt gcactacgtg     1920
atcagtttat taaaaatcgt tgatgtgtgt gtgtaaaatg ggtggatttt atggtttata     1980
aattatacct taataaaggt taacaaa                                     2007

```

<210> 3564

<211> 1085

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(1088)

<223> similar to gi5882259 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3564
ccagcttggt ttttggatcg agcactccag ataacaaagt tgctgaacaa gaagacttag      60
aaacacagcc aagtccatcc gtagaaaaag cagtgaactgt gatagatcct gaaggtacaa      120
ttcccaccaa ttttaatgta gctgagaaac cagctgatca ttcattatca gaggtaaaac      180
ttaaaactgc tgatgaaccc agaggtactt tagtaaaatc tggtgacggg caaaacgtta      240
aagaaaaatc catgatttta tcaaattgtag aagattttaca acagccaaaa ttcatttctg      300
aggtgtctag ggaagattat ggaaaaaaag aaatctcagg cgattcagag gaaatgaaca      360
taaactcagt agttacttct gctgatgggt agaaccttga aattcaatct tattcactaa      420
tcggtgagaa attggttatg gaagaagcca aaactattgt tcctcctcat gttactgata      480
gtaaaagagt ccagaagcca gcaatcgctc ctccatctaa atggaatatt tctattttta      540
aggaagagcc aagaagtgat caaaaacaaa aatcactcct ttcatttgat gtagtagata      600
aggtgccaca acagccaaaa tcagcttctc ccaactttgc aagtaaaaat atcacaaagg      660
aatcagagaa accagagtca attattttgc cagtagaaga atcaaaaggc agtttaattg      720
atctcagtga agacagactc aagaaagaaa tgcaaaatcc tacttctctg aaaatttctg      780
aagaggaaac aaaactcagg tctgttagtc caactgagaa gaaagataat ttggaaaaca      840
gattcatata ccttgggcag aaaagaagggt gctggcagaa aaacaaaact ctgtgggccc      900
cattagagct tagagatagt aatgaaatag ggaagacaca aattacactt ggatctagat      960
ctactgaact gaaagaatca aaagccgatg ctatgccaca acacttctat caaaatgaag     1020
actacaatga aagacccaaa atcattgttg gttctgaaaa ggagaaagat gaaaaaaaaa     1080
aaaaa                                           1085

```

```

<210> 3565
<211> 2611
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2612)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (239)...(919)
<223> similar to gil871540 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3565
tctcactggg agaaatatca agttaggggt gtggagtggt attaggaaga aataatcatt      60
atgggctaaa agttaagtga ttagaaatta tatatatattg cttttaaaat ttctatttca     120
agggtctctt atgcaaatta tgagcctttc tagacagtat ttctgggtctc ctggtttgag     180
tgtgaaatta tagccatcac ctgacatgca ttaattctgg attccttttg tgtgtggtca     240
gcaataccag gacgtgcccg atgccggagg aaaagagcaa cccaaggggc gtggagtggc     300
tgtggcattc cattgttata aggatgtatc tgtccttgat cgccaaaagt gtccgcaact     360
acacacaaga agcatcctta ggagctctgc agaacctcac ggccggaagt ggaccaatgc     420
cgacatcagt ggctcagaca gttgtccaga aggaaagtgg cctgcagcac acccgaaaga     480
tgctgcatgt tggtgacca agtgtgaaaa agacagccat ctcgctgctg aggaatctgt     540

```

cccggaatct	ttctctgcag	aatgaaattg	ccaaagaaac	tctccctgat	ttggtttcca	600
tcattcctga	cacagtcccg	agtactgacc	ttctcattga	aactacagcc	tctgcctggt	660
acacattgaa	caacataatc	caaaacagtt	accagaatgc	acgcgacctt	ctaaacaccg	720
ggggcatcca	gaaaatttat	gccattagt	caggcgatgc	ctatgcctcc	aacaaagcaa	780
gtaaagctgc	ttccgtccct	ctgtattctc	tgtgggcaca	cacggaactg	catcatgcct	840
acaagaaggc	tcagttttaa	aagacagatt	ttgtcaacag	ccggactgcc	aaagcctacc	900
actcccttaa	agactgagga	aaatgacaaa	gtattctcgg	ctgcaaaaat	ccccaagga	960
aaacacctat	ttttctacta	cccagcccaa	gaaacctcaa	aagcatgcct	tgtttctatc	1020
cttctctatt	tccgtgggtcc	cctgaatcca	gaaaacaaat	agaacataat	tttatgagtc	1080
ttccagaaga	cctttgcaag	tttgccacca	gtagataccg	gccacaggct	cgacaaatag	1140
tgggtcttgt	tattagggct	tatggtacat	ggcttccctg	aatcaaaatg	tgaattcatg	1200
tggaagggac	attaatccaa	taaataagga	aagaagctgt	tgcattactg	ggattttaaa	1260
agtttgattt	acattttatat	tccttttctg	gttcccatgt	tttgtcactc	atgtgcacat	1320
tgcttcgcca	ttgggcctcc	agtgtattgt	tctgcagtgt	tgaacagaa	tggaaatgac	1380
aagaaatate	tgcagttatc	cagggagaaa	gtataatggg	caaaattatt	ggtttctttc	1440
tttactttgt	gcttggtttt	atccccctgg	ggntgttttt	ctctggattt	ttaaataaac	1500
ttacacttaa	gaaatttaga	ttaccagagt	atgcctgact	gtaagaaaaa	gaaattgaga	1560
ggaagtgate	atagcaaatt	aaagaagtct	tttccctcca	gaacttaaag	taaaataaaa	1620
aataaataaa	taaataaaaat	cttttccaca	gagaaaggca	actgtgatga	taaaatttaa	1680
cgttccccca	aacactgagt	caatgagatt	tttctcagga	gatactttac	ctataacaac	1740
gccgttaaat	ccaaatctct	tctaaacgat	ggcattctat	gtaatgcctt	tcctggactt	1800
ttttggccac	tgccctggac	tagtgaaaga	atggactcta	tctttatctg	caagaggaac	1860
taaggccttc	tatcagactg	cctggccagc	ctggggcact	gaaaatacgg	ctcatgttaa	1920
tgagttacat	tatcagccag	cccagccttg	cccaccattt	aagaaatate	acagagccac	1980
tagatctcat	atgatcttct	tcaagccatt	attttaactc	aagaaaactc	tagagaagaa	2040
aagtgaagaa	gtcatgttga	agaagatgta	agaatgtgtc	aagaccatcc	agaaatgata	2100
tgagaaatac	tgatatttta	aatggttgac	atcatccagc	gaaatgaatc	tacattaaat	2160
gttgttttaa	ctgcgctatg	gattaaaacc	attcatatag	gagttaggtc	tttaccact	2220
actattctgt	tatttttttt	tttaatctgg	acaacatttg	tccctaggta	ggttagggca	2280
aaaaaattct	ttcaactcct	tttggcgaag	aaaactgtaa	cagaaaataa	attttgaatg	2340
tgtacttaag	tctttattat	atttgaaaca	attttttttt	caattttaaa	agctgaatga	2400
agacaactta	ggttgccctaa	cctagttcaa	aatgaaatta	tttagatacc	aattttttaa	2460
atactggaga	gaattttatat	gtctttttcc	agagttctga	tgataagcat	ttggagtgc	2520
tttattcctc	cagataataa	atgtgtgttc	agaacttttt	gtgtttttta	aggcattaat	2580
aaagccttcg	ataatattaa	atacaaaaaa	a			2611

<210> 3566

<211> 5891

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5892)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1)...(1306)

<223> similar to gi4678438 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3566

gtgaatactg	ctatgcatga	ggcaaaactt	atggaagaat	gtgacgagtt	ggtagagatc	60
atccagcaga	ggaagcaaat	gatcgctgtc	aaaatcaaag	agacaaaggt	tatgaaactg	120
agaaagttag	cacagcaggt	tgctaattgc	cgccagtgtc	ttgaacgggt	aacagtcctc	180
atcaaccaag	ctgagcatat	cctgaaagaa	aatgaccagg	cacggtttct	acagtctgca	240
aaaaatattg	ctgagagggg	cgctatggca	actgcatctt	ctcaagttct	gattccagac	300
atcaatttta	atgatgcctt	tgaaaacttt	gcttttagatt	tttccagaga	aaagaaactg	360
ctagaggggt	tagattat	aacagcccca	aaccaccat	ctatccgaga	agaactctgt	420
actgcctccc	atgacaccat	tacagtccac	tggatctcgg	atgatgagtt	cagcatcagc	480
tccatgagc	ttcagtacac	catattcact	ggccaggcta	acttcatcag	cctgtataat	540
tcagtagaca	gctggatgat	tgttcccaac	attaaacaga	accattacac	agtgcagtga	600
ctccagagcg	ggactcgcta	catcttcac	gttaaagcca	taaaccaagc	cggcagccgg	660
aacagtgaac	ctacccgact	aaaaacaaac	agccaaccct	ttaaattgga	tcccaaaatg	720
actcacaaga	agttgaagat	ctccaatgat	ggattgcaga	tggagaagga	tgaaagctct	780
ctaagaaga	gccacacccc	agagaggttt	agtggcacag	ggtgctatgg	ggcagcagga	840
aatatattca	ttgacagtgg	ctgccactat	tgggaggtgg	tcatgggttc	ctcaacatgg	900
tatgcaattg	gcattgccta	caaatacagct	ccaaagaatg	aatggattgg	caagaatgcc	960
tccatcatgg	tcttctctcg	ctgcaatagt	aacttcgtgg	tgagacacaa	caacaaggaa	1020
atgctgggtg	atgtgcccc	acacctgaag	cgtctgggtg	tccctctgga	ttatgacaac	1080
canatatgct	gtctttctat	gacctagcta	actctctcca	atcttcatac	ttttgatgtg	1140
accttcaatt	cttccagttt	gtccaacatt	tacaatctgg	aacaaatccc	taatgatcct	1200
gtctggcttg	cctgccccag	attttattga	ttaccttgag	cggcaggaat	gcaactgcag	1260
gcctcaagaa	tccccctatg	tttctgggat	gaaaacctgt	cattaagtgt	caggagagta	1320
tataattcac	tggtctctca	gttcagcagt	tcttccccct	ctacacctaa	gttagcggtc	1380
aatatacgag	acacaaaata	aagtttggtt	gaagcatcca	aaataactag	atattgcaga	1440
tttaattttt	gtgcattaaa	gcttggtatt	gaattaattt	attgagtttt	tcagaacaaa	1500
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<210> 3567

<211> 2174

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1705)...(418)

<223> similar to gi257387 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3567

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<210> 3568

<211> 1435

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature



<222> (1272)...(274)

<223> similar to gi2905643 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3568

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<210> 3569

<211> 1581

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1582)...(860)

<223> similar to gi5360111 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3569

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<210> 3570

<211> 6646

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1761)

<223> similar to gi3336980 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3570

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gaaggagaat	cacttgaacc	cgggaggtgg	aggttgcagt	gagctgagat	cgtgccccctg	6600
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<210> 3571

<211> 2192

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (2193)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2192) ... (802)

<223> similar to gi398845 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3571

gtccgtagga	gaacccccac	agcgggccgcg	ggctagcaag	ctccccggagc	cgtttttcggt	60
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gcttctggga	cctggcacta	agggagcacg	ccgcggtcaa	ccagaaagga	atztatgatg	180
aggcaataag	cagcttcttt	agaaatgtgg	acaccaggca	gtcttgattg	atatggaaga	240
aggggtagt	aatgaaattc	tgcagggacc	actgagagat	gtatttgata	cgaaacagct	300
catcactgat	atctctggct	caggaaataa	ttgggccgtg	ggtcacaaag	ttttcggcag	360
tctttaccaa	gaccagattt	tagagaaatt	cagaaagtcg	gcagagcact	gtgattgctt	420
gcagtgtttc	tttataatac	attccatggg	aggaggaaca	ggatctggac	ttggcacatt	480
tcttttaaag	gtgcttgaag	acgaattccc	agaagtatac	agatttgatg	cttccattta	540
tccttctggt	gaggatgatg	tcataacctc	accttataat	agcatcttgg	caatgaagga	600
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ccttaatatg	gaccttaatg	aaatcagcat	gaatttagtt	ccttttcctc	aacttcatta	900
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attggatcag	atgttttcag	atgcctttag	taaagatcac	cagctgcttc	gggcagaccc	1020
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tcttcgtaga	aatattgaaa	gattaaaacc	atctctacaa	tttgtctcct	ggaatcaaga	1140
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tttagcaaat	aacacatgtg	tgaagcccac	cttcattgaa	ctgaaagaga	gattcatgag	1260
gctctacaag	aaaaaggctc	accttcacat	ctatctacaa	gttgaaagga	tggaaagaaag	1320
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cgccacaaaa	aacatgcctg	tgcaggattt	accagacta	agcatagcta	tgtgaaaaag	1440
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tttttgtaat	ttggaaactc	cagttttttc	atattatcgg	gaaatatttt	tgtctaaaag	1560
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tctaatttg	tacacttaac	atgtattttg	attaaacttt	ttaaataatt	gctttcttat	2040
caaaccaatt	gattttataa	taaatgtcta	tatttttcaa	cagtgtact	tgttattggt	2100
ctgcatgaca	tttatgcaa	tgaacagaat	gttactaagc	ttgatattct	ccaaactttg	2160
caataaatgg	ctataattgt	tccggttact	at			2192

<210> 3572

<211> 1504

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (25)...(1130)

<223> similar to gi577843 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3572
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cacggccacg gccacggcct cccaagggg cctcgcgtta agagcacccg ccccgaggagc     120
agcgacatca acgtggcccc gggcgagcag ggtcccgacc aggaggagac caacaccctg     180
gtggccaata ccagcaactc caacgggctg aaattggacc ccgcagaccc agaaaacccc     240
agaagtgggtg atacagtgga agtacaagtg aatggaaatc ttgtcagaga acctgaccat     300
atggaactgg aagaagatag ggctggacaa cttaacatgc gtggagtttt tctgcatgtc     360
cttggagatg ccttgggttc agtgattgta gtagtaaatg ccttagtctt ttacttttct     420
tggaaggtt gttctgaagg ggatttttgt gtgaatccat gtttcctga cccctgcaaa     480
gcattttag aaataattaa tagtactcat gcatcagttt atgaggctgg tccttgctgg     540
gtgctatatt tagatccaac tctttgtgtt gtaatggttt gtatacttct ttacacaacc     600
tatccattac ttaaggaatc tgctcttatt cttctacaaa ctgttcctaa acaaattgat     660
atcagaaaatt tgataaaaaga acttcgaaat gttgaaggag ttgaggaagt tcatgaatta     720
catgtttggc aacttgctgg aagcagaatc attgccactg ctcacataaa atgtgaagat     780
ccaacatcat acatggaggt ggctaaaacc attaaagacg tttttcataa tcacggaatt     840
cacgctacta ccattcagcc tgaatttgct agtgtaggct ctaaatacaag tgtagtccg     900
tgtgaacttg cctgcagaac ccagtgtgct ttgaagcaat gttgtgggac actaccacaa     960
gcccttctg gaaaggatgc agaaaagacc ccagcagtta gcatttcttg tttagaactt    1020
agtaacaatc tagagaagaa gcccaggagg actaaagctg aaaacatccc tgctggttgt    1080
gatagagatt aaaaacatgc caaaacaaac caacctgaat catctttgtg agtccttgaa    1140
aaagatgtgg atattttgaac ttttgcttta aactgcaaga ggaaaaagac tcccactgaa    1200
attcctaagt ttgcccgaat agtgtaattg aagtccttgt ctggtcacac agtttaattc    1260
tatttttgta agaacataat gggactgcat aacagagttc tatattacaa ttttgtgatt    1320
attagtacag agtacagcta tgctgtgact gttttggaaa gccgagtttt aacactatgt    1380
tacatttttg tttaaagtaa gttaaaccctt atataacata atgacatttg atttctggat    1440
ttttcccatg ataaaaatta gggggataaa taaaattgtt actggaattt ctctgcaaaa    1500
aaaa                                           1504

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<210> 3573

<211> 1309

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1310)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1309)...(173)

<223> similar to gi3928166 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3573

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ttcccacacc	tagtgtgtcc	aggaaggctg	agccccgaca	cattcccac	aatagggtgag	180
gggcgtgaga	atgaagaggc	ggtcttctct	tttgcggtac	cagcgcatca	gcttatggat	240
ggcactgacg	gctgacgcct	tggtccccag	ggggctcgta	acacatgtag	agctcaaagg	300
cgctgtcac	ccaggccagg	gaggttctcg	ttgcggggccc	gtgtagtaaa	ttggtcttga	360
gtggggcgag	aggcattgtg	ggcacgactg	tgcaagtact	ggtagaggcc	cagcagccgc	420
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ctctttgact	tatagaggaa	gtgacgcagg	tcagggatgc	ccacttgggc	aacgctgtag	540
tagggtgtgc	gcagtgcctc	tcgcaggggc	aggtgggctc	cgcgcttgcg	aaggcgctcc	600
tggaagcggc	ggcggcagtc	agagactgca	aagaagtcct	cacggtcagt	ggagacaagc	660
agcaggcaga	ggtcagtgtc	aggctctagg	taagagatgt	gtgcgtggaa	gaagccggct	720
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tggctcagct	gcgcaccggt	aagaaggctt	aggatctggt	agtagatgta	gagcagctcc	1140
tgccgcagct	cttgtgccga	ctgccgcgta	cgagccaccg	ccactagcac	cagcgggctc	1200
cggcgcacga	atactacctt	gtagccatct	ggctccattc	cctgaattcc	tccgcnctgt	1260
ctaagggtca	tctatggggg	ntctatnngg	ggggggnggg	gggggggggg		1309

<210> 3574

<211> 1445

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(733)

<223> similar to gi3043740 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3574

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tattttgggc	gcttatactt	gttaccggcc	agatgtgggt	tatgtccagg	gcatgtcctt	180
catagcagca	gtgttgatct	tgaacttaga	tactgcagat	gcctttattg	ccttttctaa	240
ccttctgaat	aaacctgtc	aaatggcggt	ttttagagt	gaccatggcc	ttatgttgac	300
ttattttgct	gcatttgaag	tattctttga	agaaaatttg	ccgaaattat	ttgcgcattt	360
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gatggacttc	attcacatgg	cccagttcct	gacccggctg	cccaggacc	tgcccgccga	600
ggagctgttt	gcttccatcg	ccacgatcca	gatgcagagc	cgaaacaaga	agtggggtca	660
ggtactgact	gcattgcaga	aagacagccg	ggaaatgaga	gaagggaagt	ccgtccctcc	720
gacactgagg	ctgcagcggg	aattcgcact	cggcaccaat	cagagcccca	tgcccgggcc	780
cctctgttgt	ttcagactga	caccggggca	gccgagaaga	acagacgctc	tttaagtttg	840

attcctaaca	ctggagttgg	ccttaaaca	aacaaacaca	aaaactttta	agaattaaa	900
ccaaggctta	gccttaagca	gctcagtgga	aggatgagct	gctgcggacc	acagccagcc	960
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agtgggactg	cgctctggga	gactgctccc	tggcatcggt	cctgcggagg	tggaaagttc	1440
gagag						1445

<210> 3575

<211> 1610

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (430) ... (1216)

<223> similar to gi886024 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3575

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gctgctgctt	ttcgcatcta	aattcttget	ctgaagggtgc	caagaacctg	gaaaccggct	120
gggagtgggg	tctcaccagc	ctttggagac	cctcctgagc	cgtctggcaa	ccagtgcaga	180
tacagagctg	cacggaacgt	catgaaggac	caacgcctgg	ttttccatag	ttaaagttagg	240
tcatctgggt	atgcgtcagc	accacatgta	actatgtttt	caccaaagac	caacatcaag	300
agtgagggga	aaggatcttc	aaggagcagg	agcagctgcg	cacgggaggc	ataccccgctg	360
gagtgcgctg	tgcccaccaa	gcccggcccc	caggtcgctg	ccgccccac	ctgcacacgt	420
gtatgctgca	tccagtactc	aggagatggg	cagtggtctg	cctgtgggtt	ggccaaccat	480
ctgttactcg	tttttgatgc	cagcctgact	gggacacctg	ctgtgttttc	aggtcacgac	540
ggggcagtga	atgccgtgtg	ctggagccag	gaccggaggt	ggctgctctc	tgccggcccg	600
gacgggaccc	tgcaaatgtg	gtcggctcgt	ggggcagagc	tcgcactgct	tctgatataa	660
acagaagagc	aagtccaagc	tgatttgtag	gctctccacg	acgggtgcag	tagacatgac	720
cagtttatcg	gcagtcaacg	acttttattc	ccacatcgta	ctcgcagctg	gccggaacag	780
gaccgtggaa	gtgtttgacc	tcaacgccgg	ctgcagtgcg	gcggtgatag	tggaagccca	840
ctcacggcct	gtccatcaaa	tctgccaaaa	ttaaaggttca	tcatttacia	cccaacagcc	900
tcaggcttat	aaccttttcc	tgaccacggc	cattggcgat	gggatgagac	tgtgggacct	960
gagaaccttg	aggtgtgagc	gccactttga	agggcatcca	acccgcggct	atccatgtgg	1020
aatcgctttc	agtccttgtg	gacgattcgc	ggcttgtggg	gccgaggaca	gacacgctta	1080
cgtgtatgaa	atgggctcaa	gcacgttttc	tcaccggctg	gctgggcaca	cagacactgt	1140
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aggaacaact	taaaagtaag	aagtagtggt	tcatccatca	gggggcccaga	agcagcaact	1320
gtttttcata	ttttgagact	tgctcagat	ttcccccggt	tgcaagctcc	tccccctctgt	1380
gtgtgccatg	tcagagtttt	atgtctttct	gtcctcaaaa	agggatcccc	cttcattggg	1440
aaaatggaaa	tggcgtccag	tacttctgca	cagaatttgg	ttaaagttaa	acaaaatatc	1500
tttcaataaa	acataatata	gtatttggtt	gataattaga	gttgaagaa	aaaagagaga	1560



attttcttttg ggcagtgaaa ataaagcagt taacagtcaa aaaaaaaaaa

1610

<210> 3576  
<211> 803  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(804)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (611)...(383)  
<223> similar to gi34203 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3576

cttctccggg	tcgacccacg	cgctccggcag	aatcctat	ccaggaggag	gactgtatcc	60
ttttctta	tacaggaa	aatttttaga	actcttac	aaccattcat	tttttta	120
gaagtata	ttacatgta	tagaatgtac	agatcatatg	gtttcagtg	tttgacagt	180
tgtatgtacc	cgtgtaacca	cctcagaaa	caaaatgtag	gaaatttctg	tctcttcaca	240
aaatttccta	gaaccatcca	aagtttacct	tcataaatag	gccttaattg	tactaaaata	300
agtatttgta	tttatttttt	gaaggaaaat	ttgtattatt	ttaattattt	ttatgtacag	360
aacactcaac	agtgtacatt	taaccacggt	tagcggcatg	ttcttttagc	tttgcccttt	420
tgagcttggc	aacgtgcgcc	acagacttgg	gacccgggac	attgccgccc	ccgtgatggt	480
gaatctcgtc	gtatctgtcg	ttgtaattgg	tcctggacta	gacagcccag	tcttgccctc	540
cccttgata	atgcagtaag	ggacccccat	tttacgacat	agggcaggca	agaagacagc	600
cagctggaag	aaggcattag	tggaagagtg	tattttgacc	aaaagcagta	aatctcaaag	660
ctagcttgg	agcaagcag	agagagagaa	cttctgagtg	atcatgaaga	caaaaagctg	720
aacagtga	ttttctcttc	cttttttctg	ggncagcatt	tagagcattg	cccagaggaa	780
ggtaggcagt	tggacagtgt	att				803

<210> 3577  
<211> 1302  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (34)...(669)  
<223> similar to gi3806122 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3577

gagtacatta	gtccagtgcg	gtggaattcg	cgcggcggtca	agtgcgtgct	ggtcggcgac	60
ggcgcggtgg	gcaagacgag	cctggtggtg	agctacacca	ccaacggcta	ccccaccgag	120
tacatcccta	ctgccttcga	caacttctcc	gcggtggtgt	ctgtggatgg	gcggcccggtg	180
agactccaac	tctgtgacac	tgccggacag	gatgaatttg	acaagctgag	gcctctctgc	240
tacaccaaca	cagacatctt	cctgctctgc	ttcagtgctg	tgagcccctc	atccttccag	300
aacgtcagtg	agaaatgggt	gccggagatt	cgatgccact	gtcccaaagc	ccccatcatc	360
ctagttggaa	cgcagtcgga	tctcagagaa	gatgtcaaag	tcctcattga	gttggacaaa	420
tgcaaagaaa	agccagtgcc	tgaagaggcg	gctaagctgt	gcgccgagga	aatcaaagcc	480
gcctcctaca	tcgagtgttc	agccttgact	caaaaaaagc	cctcaaagag	gtctttgatg	540
cagccatcgt	cgctggcatt	caatactcgg	acactcagca	acagccaaag	aagtctaaaa	600
gcaggactcc	agataaaatg	aaaaacctct	ccaagtcctg	gtggaagaag	tactgctggt	660
tcgtatgatg	ctggcaagac	accagaaaag	gctattttca	gatgaaatcg	atattagaag	720
ctatattagc	tgaacaact	ccttttactg	cgtagaacct	atatcgagag	tgtgtgtata	780
tgtattatag	gaggagccct	caattttatg	tattctttct	gcctttaatt	ttcttgtttg	840
tttgagctta	gggatgagat	acttatgcaa	gatatttttg	aagtaaatta	aacatttttc	900
acatctctgg	aaatttagag	ttctagacct	ctgggttaatt	tatatcta	atgaagaaga	960
cacctcta	ctggatgtta	agaatgaagt	tctgctacat	tataatgtac	agaagagcaa	1020
aagggaggaa	cactatggtt	aacctctctt	tgattaaggg	ctacttaatg	cacagtgc	1080
tatgtacaca	ggtcaaccat	ggtaacaata	gttcttagct	ttgaaactcc	atgcaaacca	1140
tgctttttt	ttaaggagca	aaaatctgag	aaaaaaagtg	agagacctct	gcctacaaaa	1200
cttcaaacca	gtcacttttg	tcaattgctt	aattaccag	ttacttatga	tttaaaaaca	1260
accaacagaa	aacatccac	agactgtatg	gcactctgta	gt		1302

<210> 3578

<211> 3466

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3173)

<223> similar to gi4314432 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3578

gagccaagg	agtccaggct	gccgggggct	gcagacatgg	agggccagag	cagcaggggc	60
agcaggaggc	cagggaccgc	ggctggcctg	ggttccctgc	ccatgcccc	gggtgttgcc	120
caaactgggg	caccctccaa	ggtggactca	agttttcagc	tcccagcaaa	gaagaacgca	180
gccctaggac	cctcggaacc	aagggtggct	ctggcacctg	tagggccacg	ggcagctatg	240
tcagcttctt	cggaaggacc	gaggctggct	ctggcatctc	cccagaccaat	cctgggtcca	300
ctgtgtaccc	ctgaagggca	gaaaacagct	actgccacc	gcagctccag	cctggcccc	360
acatctgtgg	gccagctggt	gatgtctgcc	tcagctggac	caaagcctcc	cccagcgacc	420
acaggctcag	ttctggctcc	gacgtccctg	gggctggtga	tgctgcctc	agcagggcca	480
agatctcccc	cagtcaccct	ggggcccaat	ctggcccaaa	cctccagaga	ccagaagcag	540
gagccacctg	cctccgtggg	acccaagcca	acactggcag	cctctggcct	gagcctggcc	600
ctggcttctg	aggagcagcc	cccagaactc	ccctccaccc	cttccccggg	gccagtcaca	660
gttctgtctc	caactcagga	acaggccctg	gctccagcat	ccacggcatc	aggcgcagcc	720

tctgtgggac	agacatcagc	tagaaagagg	gatgccccag	cccetagacc	tctccctgct	780
tctgaggggc	atctccagcc	tccagctcag	acatctgggc	ctacaggctc	cccaccctgc	840
atccaaacct	ccccagaccc	tcggctctcc	ccctccttcc	gagcccggcc	tgaggccctc	900
cacagcagcc	ctgaggatcc	tgttttgcc	cggccacccc	agaccttgcc	cttggaatgtg	960
ggccaggggc	cttcagagcc	tggcactcac	tccccctggac	ttctgtcccc	caccttccgg	1020
cctggggccc	cctcaggcca	gactgtgccc	ccacctctgc	ccaagccacc	ccgatcacc	1080
agccgttccc	caagccactc	cccgaatcgc	tctccctgtg	ttccccagc	ccctgacatg	1140
gccctcccaa	ggcttggcac	acagagtaca	gggcctggca	ggtgcctgag	ccccaacctt	1200
caggcccaag	aagccccagc	cccagtcacc	acctcctctt	ctacatccac	cctgtcatoc	1260
tccccctggg	cagctcagcc	tacctggaag	agcgaccccg	gcttccggat	cactgtgggc	1320
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gagaccctgc	tgaattcctg	gctccagctg	taccctggct	cactgtgggg	cccgctgggc	1620
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tactaccacc	tgcccttcct	gcgagacgtg	cagaccgact	gcacgcgcac	tggcctgggc	1740
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tgcttctctga	actgccactt	gcctgcgcct	atggacaagg	cggagcagcg	caaagacaac	1860
ttccagacca	tcctcagcct	ccagcagttc	caagggcccg	gcgcacaggg	catcctggat	1920
catgagtatg	ggctgggcct	cgtgttcttg	ttcggggacc	tgaacttccg	cattgagagc	1980
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gggggtccca	gcccctcagg	acggaagagc	caccgactcc	aggtgacgca	gcacagctac	2280
cgagagccaca	tgggaatacac	agtcagcgac	cacaagcctg	tggctgcccc	gttccctcctg	2340
cagtttgctt	tcagggacga	catgccactg	gtgcggtctg	aggtggcgaga	tgagtgggtg	2400
cggcccgagc	aggcgggtgg	gaggtaccgc	atggaaacag	tgctcgcccc	cagctcctgg	2460
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acagacagct	caggcaccag	ctcagaggga	gaggatgaca	gcacactgga	gctccttgca	2760
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cctgggtggg	gtggctcctg	gggacctgaa	tggggaggcc	ctggcgcccc	acagcctgtc	3120
tcctagtccc	ccagggccca	tcgggggctg	gaggaagggg	gcctggggcc	ctgaggggtg	3180
ggtaggcaga	tgggccaagg	tgaccaccat	tctgcctcaa	tcttttgcaa	gcccacctgc	3240
ctctctcctg	ctgctcctcc	agctgtatct	gcacctgcct	ctctgtcctg	gccaggggtg	3300
gacaactggg	gtcccccaaa	actcagtcct	ggcacctcaa	ctgtgacaat	cagcaaagcc	3360
ccaccagggc	ccccatctgg	gatgatggga	gagctctggc	agatgtccca	atcctaaagg	3420
aggtcatcca	ttaggaaaaa	aattctacca	gacctcaaaa	aaaaaa		3466

<210> 3579

<211> 1900

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1901)...(119)  
 <223> similar to gi4530577 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3579

tttttttttt	ttgtgattat	acgtttttatt	agactcggga	ggggtatggc	agggcttcat	60
cagtgttcct	tcaaattaaa	aaaaaaatac	aaaagctacg	tagaaaacgt	cagatcagac	120
gactaaactt	tcccgaactca	gggccaagtt	cttcttgagc	ctgcgctctc	gggacgcctg	180
cgagtcggtc	tccgagtagc	ggggcgggcg	gggcgggtag	taggcctctt	cctcctcctc	240
cttggtgggt	ctcctcctct	cctccgaccc	cttcttcctc	acagcctcct	ccagtagccg	300
cccatcatag	gggaggtccc	cggacctgga	gccgttggtc	cgagggtccc	gggtacggtg	360
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ccctgactcg	gcggtgcctc	gggcgggggtg	aggtcgtcca	gggcgtccac	gggagcgggc	600
ccggggccgc	ctggcccggc	agccccccgc	ttgcctgctc	cctggcgggc	tcctgggtccc	660
atccccctggg	actccggggg	gagtggccac	cccactcctc	atccccggatc	gggggtgaggg	720
cagggccccc	ggaaggccga	gatcgccagt	cgtcctcgtg	gagggaggtg	acttcactca	780
tggcccgtc	cacacggcca	ctgggggggc	caggtcgaga	agggtcgaag	ttggccagct	840
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agccactgcg	gacacctgag	ctactcctgt	caacgtctcc	agggatcctc	ccagggatcc	960
cgttgtaggc	agggcccatg	ggaatcatag	ctggtggggg	tggggctctg	gcgggagaca	1020
ggtgggcata	ggtgctgggg	gcataaatgc	tgggaacacc	tgaggtggct	gctttgcccg	1080
cggcatacag	ggcctcgggg	cagcagcact	tgtctgggca	gcaggggcac	ctgacgtagc	1140
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caggtaagag	ctcagccacc	cctgaggtcc	tcccaggac	gatgagctct	gcgtaggcct	1320
cattgttccc	ctggaggtcc	tgggctgaga	ccacggagca	gtaatacaca	ccactgtccc	1380
cccacgccgt	ctggtcaaag	gtcaggtcag	catttccggg	gatggtaatc	ctccggccct	1440
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gcacgctgtc	ctggcactca	acgtaggggt	tgtagcctgg	gttcccggct	gccagctggg	1560
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ttccgttcct	tgtccctact	ccaagtccgt	cctgttgcat			1900

<210> 3580  
 <211> 1610  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (344)...(1302)  
 <223> similar to gi2854163 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3580

ccactatcca	tgtggtggaa	ttcttctggc	gccagggggc	gacccacgt	ctacctgcag	60
cgcattccagc	tcaacaaccc	cacggagcgc	gtggccgcgc	tgcagactgt	ggggccact	120
gccggcccag	cccccaaggc	cttcaccagt	accctggaga	aggtcggaga	ccatcagttc	180
ctcctctact	caggccggtc	ccgcctacg	ccactgggt	tggcgacact	ggtggtggtg	240
gccgccaaga	agctggtgaa	ccgcctccaa	gtggctccca	agacgcagct	ggatgagacg	300
gtgctgtggg	tggcgacgt	ctctggcccc	attaaccccc	aggctgctcaa	aagcaaagca	360
gccaaaggagc	tcaaggcgct	gcaggacttg	gcacggaagg	aaatgctgga	gctcttggtg	420
atgccagcgg	cggagctgct	tcaagaccac	cagctcctct	gggctcagct	cttcagccca	480
ggagtggaaa	tgaagaagat	cactgacacc	cacacgcctg	ctggcctcac	cgtgaacctg	540
acgtcttatt	acatgctctc	ctgctcgcca	gccccactgc	tcagccccctc	cctgagccac	600
agggagcgag	accagatgga	gtcgacgctc	aactatgaag	atcactgctt	cagcgggcac	660
gccaccatgc	acgccgagaa	cctgtggccg	ggggcggtgt	cctccgtcca	gcagatcctg	720
cagctctctg	acctgtggag	gctgaccctc	cagaagcgtg	gctgcaaggg	gctggtgaag	780
gtgggtgccc	caggcatcct	gcaggggatg	gtgctcagct	ttggggggct	gcagttcaca	840
gagaaccacc	tccagttcca	ggccgacccc	gacgtgctgc	acaacagcta	tgcattgcat	900
ggcatccgct	acaagaacga	ccatatcaac	ctggccgtgc	tggcggtatgc	cgagggcaag	960
ccctacctac	acgtgtccgt	ggagtcctcg	ggccagcctg	tcaagatcta	tgccctgcaag	1020
gcaggctgcc	tggacgagcc	agtggagctg	acctcggcgc	ccacgggcca	caccttctcg	1080
gtcatggtga	cacagcccat	cacgccactg	ctctacatct	ccaccgacct	cacacacctg	1140
caggacctgc	ggcacacgct	gcacctcaag	gccatcctgg	cccatgatga	gcacatggcc	1200
cagcaggacc	ccgggctgcc	cttctctctc	tggttcagcg	tggcctccct	aatcaccctc	1260
ttccacctct	tcctcttcaa	gctcatctac	aacgagtact	gtgggcctgg	agccaagccc	1320
ctcttcagga	gtaagggaaga	tcccagtgct	tgagtgaact	aacagtcctg	ctttcagcca	1380
ccatttgac	aagacaccca	gcactgaaag	tcccgtgcc	aggagcaagg	gaccccttgg	1440
aagcaccgc	cctttgtgcc	ttgttggggg	aaaccgggtga	cgcagaagtg	agtgtggata	1500
caccagagtt	tgcattggaa	ggaatgagtg	tcacgtgggg	agggaagggg	ccagtggacc	1560
ttttgtaagc	tttccactca	ataaaatgaa	cctgtatggc	aaaaaaaaaa		1610

<210> 3581

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (49)...(617)

<223> similar to gi5802258 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3581

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aacctcttca	ccaagctgac	ctccaaactg	acccgaaggg	ttaccctcga	tccctctaaa	180
cggcagaact	ctaaccgctg	tgttttcggg	gcctctctgc	cccagggatc	caagatcagg	240
tgcagacga	acctgagaga	atcgggggac	ctgaggtcac	aagttgccat	ctaccttggg	300
atcaaacgga	aaccgcccc	cggctgctcc	gattcccctg	gagtgtgaag	ctgaccagct	360

cgcgccctcc	tgaggccctg	atggcagctc	tgcgccaggc	cacagcagcc	gcccgcctgcc	420
gctgccgcc	gccacagccg	ttcctgctgg	cctgcctgca	cggggggtgcg	ggcggggcccg	480
agccccctgtc	ccacttcgaa	gtggaggtct	gccagctgcc	ccggccaggc	ttgcgggggag	540
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ccaacgacct	cgagctctga	gccaccacgg	tcccagggcc	cttactcttc	ctctcccttg	660
tcgccttcac	ttctacagga	ggggaagggg	ccagggaggg	gattctccct	ttatcatcac	720
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<210> 3582

<211> 2350

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2352)...(515)

<223> similar to gi5817018 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3582

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gatcatgttt	gtctgattat	taagaattct	tttttgtaac	attaactctc	taaagacaat	180
caatggactg	acatcactgc	tacaacacag	gttgctaact	gagcctctga	tcttcagcca	240
catcttgatt	ttcctaataa	tgagtaaata	ctgcctggct	aaaatgctgc	aaagtcttga	300
tgagagaaag	catcaacaga	tcaagcaaag	ccatgaaaat	tatgaagcaa	gctagagctg	360
attattagaa	ttagtaaaaa	tgattaagag	aggatgacac	aaccatacgg	gatttgtata	420
ttctgattga	cactcttttg	gcagcgaatt	gggtcagcac	ctcgggcagg	gaaccaaacc	480
tgagtgaaaa	ctgctctttt	tctcctagc	tcaggccacc	aacgtcacag	ccgggactga	540
gagaactgct	gcatctgtgg	aaacttctat	tctcgtgggg	cagagattgc	actgtgaaac	600
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ccggggcttt	tcagaatggg	ccggggcctc	gggggtcttc	atccccaagg	aagcctcttg	720
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gactatttca	ttattgcttt	tgttggaac	aactgatcta	actgcataga	tcttttcctt	2160
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ccacagcaat	gttcctgaaa	gcagcctggt	ttctgaagag	ctctgaaaaa	tcaggcgcg	2280
aaaaagtgt	ggagctcggg	tcagcccttg	gaaacccgac	caacccgggg	tgttccgcg	2340
cctcctctgc						2350

<210> 3583

<211> 3775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(851)

<223> similar to gi63752 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3583						
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gggagcgtg	tacatccccg	gggagcccca	caccaaggcg	ccccggggct	tcgctttcgt	180
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aaatggtgac	atgataccta	cctcacaggg	ttgttgtgag	ggttaagtga	aaggatcttt	3720
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<210> 3584

<211> 4460

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (28)...(3450)

<223> similar to gi5733391 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3584

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agcttttcca	cagaatttgg	gcctgaaaat	ctgagctgcg	aagaagtggg	atacttttgt	180
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<210> 3585

<211> 1157

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (17)...(821)

<223> similar to gi4138016 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3585

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gtgctcccc	ccacaggcgc	tcaatgccta	ctatctaccc	aacaagaacc	agatggtgtt	240
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caaagtacac	acatgaccag	ctcttcttca	ttgcctttgc	ccagaactgg	tgcataaagc	660
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gggtgctggg	cagtgtgtcc	cagtttgagg	agtttgccg	ggctttccac	tgtcccaagg	780
actcacccat	gaacctgcc	cacaagtgtt	ccgtgtgggtg	agcctggctg	cccgcctgca	840
cgccccact	gccccgcac	gaatcacctc	ctgctggcta	ccggggcagg	catgcacccg	900
gtgccagccc	cgctctgggc	accacctgcc	ttccagcccc	tccaggaccc	ggtccccctg	960
ctgcccccta	cttcaggagg	ggcctggagc	agggtgaggc	tggacttttg	ggggctgtga	1020
gggaaatata	ctgggggtccc	cagattctgc	tctaaggggg	ccagaccctc	tgccaggctg	1080
gattgtacgg	gccccccctt	ccctgtgttc	ttgctgcaaa	gtttggtcaa	taaatccctg	1140
ccctgttaaa	aaaaaaa					1157

<210> 3586  
 <211> 2708  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (2707)...(1603)  
 <223> similar to gi2623162 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3586  
 aaaacatgt tggcatcaat gagatatgat gtgccattct aaaagctttc tctcctgatt 60  
 gctttagaaa ttaggatctg gaaggacttt aacatgaatt agtttttttcg catgtttata 120  
 ggccagagac ctgcccaggc aatgaactga tagatttaaa taaatattcc cctcctaact 180  
 ttttccttta gctacagacc agacagtcca aacacaaagc tcagaattcc agctccaact 240  
 tatttactca gtgaatttat tgtaaaaata aagaaactca attattccag ttaatggatt 300  
 tcacgttaaa tagtttaact ttcaatgggc tttctgaaga gctgttcata ggatgatatt 360  
 tggaagagtc ctttccttaa ggaaaaaaag ggtcgaacaa taaataaagc agttacttgc 420  
 gttaacggtc acgttatattc attaaaagag aggaggagca gaaatctatg acatagtgtc 480  
 ccaacatggc atttatctgc tgcaacagaa agctgtaaca ctggcgggca tttcacagta 540  
 tttgcgcata gtaaactttc gccattgtta aagtctgagt tagaattatc aatgaattct 600  
 tttttttttg tcttttttaa ttttcttgat tttaaaaaat gtatttgtgt tttgcaggtt 660  
 ggaacgcaaa cccagtctgg ccacgtcccg tgaagttgtg gacaaaatgt ttcagtttct 720  
 gttcacctct gtgctgtgtg gtgtatgtgt tgtgtgcatg tgtgtgtgtg tgtgggggtg 780  
 ggggatgggg taggtatgtg cttttggctc atgtttgtga tgataactga agtcttttgt 840  
 ggggtccgacc tgttgtaggg tgtgggggaa agtgaaggaa gagaatgaag gtgagtcccc 900  
 gccgttgcaa accttcacca aaccacgcgg cccagttttc gtgagtaccc ctgtgtccca 960  
 gagaggagga cccagcgtcc tcggctctgc cgcaggcctt cttggtctgg tgggtactcg 1020  
 aggcagttga gaaccttgct gagctgagcg ggcacctcgc cttgcctgct ggttcgacac 1080  
 ctgacccctt ccccttgga ttatgtacac gcatcattgg gcttcatgga tgtggaaagg 1140  
 ggagcaaagg atggtttggg gggtagctcc ggccttagcg agggcgtagc cttcagcccc 1200  
 gaccttgtca gtgagttgta ggcgttgagg ctgggctgcc tcgagacagt cacggcctgg 1260  
 ccagatggct gggagctgtg cacctggatg gagtccaccc tctgcggggc gggcgggcggg 1320  
 ttgtctcccc tgccaaagct ctggtttctg gagaggtgag aggaattgga ggagttagt 1380  
 ttgtttcttt tgagagtggg ggctgtgtg cttctcgtga gcgagttcgt ggggtagctc 1440  
 ctcttatagt caaccccgta ggaagaggag tgggtgcatt ccagccgctt gcttagaccg 1500  
 gtctgagaca gggaggctcc cgggggaccc agggaggcct cccgctgtgg aactttgggg 1560  
 ggcaggctgt ccaggttctc cacaaggctt accccatggt tgggactctt gctgctgaga 1620  
 tgttccttga tggctctata ctccagtgtg gcggcctggt cctccagcgc catctggggc 1680  
 acctcgctca ttttgggctg gtccacgtac tcatgctggt agccctgctg cgtgatgggc 1740  
 aggaccacca cgctggggat gtggctgggg gagggccgca ggggcaggtc ccgtgggaat 1800  
 cacaggggga gcccatgggg ggcattgctt ttgtgcaggc attgatgagg ttctgggtcc 1860  
 tctcccactc gcggtgccc cggctgggct tccgcttctg ctgcagcgtt ggggttgact 1920  
 ctgggggtggg gagggccgtc aggtccaggt ggtgctggtc tgctttaatg agcatcttgg 1980  
 ccgtgttgcc gggagtggcg agcttgccgt tgtgcatgag tggcgtgagg atggcctccg 2040  
 gctttgggtc tttggattga gtgtcccaa agaggccgct gagcttggtg acgctgctca 2100  
 tggagccccg gcgcgagtgg gtgagctcct tctccttgcg ctgcaccaca gccacgtctt 2160  
 tgcgccgatg atcacagacg cagtagacgg tgatgccga gaagacggcc cccatgacga 2220

aagccaggat	gactgcaatg	gccaaagagg	tgacgggaac	cagctggctg	tggcctttga	2280
ggtaactttc	ccgaatcact	ccattcttgt	cttgggtgatt	atgggaagac	actgccccca	2340
aagggtctgt	gctgtcagg	gagtcaagca	gatgcttcca	gtccagcatt	cctccccctag	2400
actcataccc	ctcttgagcc	gtcgaatctg	atgtggttgt	gctgggcaag	agggaaactgg	2460
aatgccatt	cagtgccaca	aaggaattgt	gacagtcccc	cagaccatct	gtattgccac	2520
gctctatgtc	ctgctcaaaa	gtcagtcctg	tgttgggtga	taaatggctg	caggcaccac	2580
cttcctttat	ccatccacaa	tatgggtctc	tggaggcaat	acaggttttt	ttacacttcc	2640
catgtcgttc	acaccggcca	aggggaacct	ttatcacaca	ggtagagaac	gcctcgtgcc	2700
gagattct						2708

<210> 3587

<211> 1754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1756)...(1183)

<223> similar to gil657835 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3587						
ctgttcctat	cacatctcac	tcccagtagg	tgttgcatth	ttggatgaat	ctaatagttt	60
tcctttatth	tcacttttca	cgaggtgaga	ttagatgtct	gtgtgaaatg	aatgtttttac	120
tatggtccta	cacataatgt	taaaattaca	aagtaaaata	atgaggtaca	agataattht	180
tgacacaaaa	atacatacaa	gtattttccg	acaagatgaa	aatatctcct	ggttttctcac	240
acagagaccc	atactactcg	gaaggcagga	tatgccagtt	ttcctttgtg	gaaaagtgtg	300
tccaggcagc	aaacttaatg	aggagtgggc	agttttgtcc	ttaaaaaact	gcagggaagg	360
gttctttcca	gggagtggta	gtttgggtct	ccaggggtgt	ggcagggaca	ggacagctga	420
ttgatagaag	tgagggtctt	aacaaagtct	actattttaca	tcaaaatgac	ttgatgcggg	480
ctctggggcc	tctgggcctt	tgtttaaaag	atgatgctgg	aaccatgtct	ttgaaacccc	540
accagcatta	gggcttaggt	actaagcaag	tccgggactg	tatcccgggc	ttcagtgact	600
gaccaaatca	caacacgtgc	ccagttgaat	agtactgtga	acagatcacc	cactttttaa	660
ggctccccag	aagaaatgag	cacacaaaat	ctagctgcag	aaaagccctt	tcccacatcc	720
tcctctgcct	atgtgggcac	tgaggcaact	gccttgactg	tgaaagtcca	ccccttggtg	780
ataccactct	ttaaatccaa	attgcttcat	tgagatctta	aaaggaatct	tgaaatccag	840
atgattgggt	agaaaatgtg	acatggaatt	ttactctagc	gtcaaaaaca	cttttaaaat	900
agtcctgctt	attcaagtta	gtttctcctc	cagaaatctg	aaattagatt	tgataagtta	960
aagattatac	aaacagggtg	gctttcaata	atttaattag	actcatgcca	aaaaaatgag	1020
cttccaggaa	atattaaata	ttattcttaa	agcaatttgg	acacagacaa	tcacacatac	1080
ataaggaatg	gagacaaaaa	gtttctccca	aaagtgccag	tgttttgttt	tgtttggaag	1140
aatgacaaca	caattagagg	taaaacaatat	tttctttggc	tccatctcca	gtttcccat	1200
cttgtctggt	cattgtcctt	gtcggtagat	ttagctttgc	ttctgttata	aacgcctgca	1260
gttgagggcg	gtgtgaattt	gagtcatggg	gggttgggga	ctcagtgtgg	gaggtgtcca	1320
aatcattttt	acaagaatcc	ttgctgcttt	catggaaagg	aagtatctga	tggccggaac	1380
cagcggctgt	ccacagtttg	tgactgacat	tcgaaggctg	agaagggtcc	accttgaggt	1440
ctacttgatg	ttcactagtc	ctcaccaagt	cagaatgaga	ttgagttgta	gggtaagtgg	1500
catcctgatg	gataactgat	ggattcagtt	tgttgaaagt	gttaaatgac	atttgtacta	1560
aagcttcatt	gatgaagaat	gagttttcat	gacataaact	ctcagatcga	ttaagttcca	1620
ttacctcggt	gccacccgga	aggagcaccg	cgggcaggct	cctctgccgg	ccgtgcttcc	1680

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agtggcccag caggctctgc tgggcccgcg tctctgcctg ctccctctcc accaggcgca 1740
ggccctcgct cata 1754

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<210> 3588
<211> 2018
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (53)...(453)
<223> similar to gi5441607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 3588
attgcccgcg tgagaattcg gacgcgctcc ggctcgtagc ccacagccca ctgccggcgg 60
ctgggcgctg ccgaggctcg gggcgcgcg c agttggcgtc tgccagtgcc aagactgtgc 120
cgccccaca gccgaggcgc gaaaggggga cgcccggcct ctgggcccgt gccttcgctt 180
tctcttcggt gttgcgaacg ccgtccgctc aggaggcgcc ccgcgaccgg cgcgatgagt 240
gccaacgagg accaggagat ggaactagaa gcattacgct ctatttatga aggagatgaa 300
agtttccggg aattaagtcg agtttctttt caatatagga taggtgaaaa tggatgccc 360
aaagccttct taatagagat ttcttgaca gaaacatata cccaaacacc tccaattcta 420
tctatgaacg ctttttttaa caacaccata tcatcagctg taaagcagag tatattagcc 480
aagctacagg aagcagtaga agctaattctt ggaaccgcta tgacctatac attgtttgaa 540
tatgccaag acaataaaga gcagttcatg gagaatcaca atcccatcaa ttccgcaaca 600
tcgataagca atatcatctc aattgaaact cctaatacag ccccatcaag taagaaaaaa 660
gacaaaaaag aacaactttc aaaagcccag aagcgtaagc tggcagacaa aacagatcac 720
aaaggagaac ttctctcgagg ctggaactgg gttgatgttg tgaagcattt aagcaaaact 780
ggctctaagg atgatgagta gcacttgga tttgagacaa ggaaagagca ttctttaaag 840
agtaaaactg ggttcaaaat ctttcattac tattttctgg tattgaggcg actttttata 900
aaacacaatt ttttgtatgt ttcttacatt aaaaagggtg taagttgaaa gttcatgaag 960
agatcttggt gtattaaatt attttcacaa acttgccctt ataaaagggtg aaaatgttac 1020
tgtttagtat actttatgaa gccccttgag ctttataaat ggacaggcat ggggaataag 1080
aatcagtggt aatttaaagt atcttatcct ggtggatgtg ctattttctt aaaggagtat 1140
gaagcccttt tcaaactatc atcccagtg agcggagtag tcagtgaaca gttactccat 1200
agtgaatcc atattaatag gcttcttctc ttaagtcctc atctcttctt ttgcttaatt 1260
actgaaccgt aaattacttc agagaaattt aaatgctggg atttgaactt tatacatgat 1320
actttttgta gtttctttta atttttgaaa gatgaactgc ttctttttaa taaattaata 1380
tctatttata ctttctctct gatttgggtc aagatgtttg atcatgagtg ctttgagtg 1440
tatgtggaat aggagaatat aaaaacaaat ctgccaaata cactagaaag cattttagta 1500
agaaatgctg gccctttctt aaaacatttc tcttgcatat accaggatgg gagtaaaaga 1560
tgcttaata tttagttttt gtattgttgg agacattgat tttaataaaa tcctatttat 1620
ctgctgttgt gtgcttttag ttgttgata actgaggtct cctaaatggt tcaacataaa 1680
accacatttc aagtccttgt tctttttgga gtgtcttttc aagtattcaa atgtatttct 1740
caacctgagc atctttttta tcatatacat gggagtcttt taaatgctga actgttacac 1800
atgcttgatt taaaaataat aataatagag gaaactattg gtctagttgt gccaagaaaa 1860
gtttctgatg tttatgtgtg atgtacagtg attttgata tgcgccagc tttagaaca 1920
cataaaacta ttacgtctgg taggaagatt gttagtgcct caagttacac ctgtgcagct 1980
tggtctgag ttttgataga acagtaaaaca tttaaagc 2018

```

<210> 3589  
 <211> 1490  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1493)...(1133)  
 <223> similar to gi4884100 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3589  
 tttttttttt ttaaggatga gaagagattt tagttattca gtgttttcat gagtttcaac 60  
 atagggatat agatacaatc agcttcttac atagtttact atctggggag agaacatgaa 120  
 agacactggt taacagtgca aataattcca ggggaataaat atacatgaat gtgttttttc 180  
 aaaaatacca ggttctttat acaaattgat aacctaaata ctgatcccca tagtgggggt 240  
 ggggttgaac tgaaaggggc tttgaggaaa agggctttgg aataaaacta ggtcatccac 300  
 cctagcccaa agatcccttt ccagccagg cacaaaaggg aatttggtta gggaggaaca 360  
 gaggtttaac tgttcaggta tctttcctaa ttctggtaaa ttttcccca agttttgaaa 420  
 aatacccatg gaagaatcct taggaatgcc cagtaacca ggggaatggg atatttgga 480  
 tatccacaac atcctacagg ctataataca ctccgaatgc cttctcaatg tggggaagta 540  
 tgagaagtta gataattctc ctagtgtctg gcttctttt tctttgccgt tccctctcat 600  
 acgttcaatc accctgtgtt acaggacaca cagtaagtag tgggaagggt ttaagacttt 660  
 gacagcaaag caaggtcaga ggtagagggg aatgtttaac caatcaatgt tcaaataata 720  
 gctactcaat gaagagtttt aggtttaaag agcgagaata ttcaccatta ctgagaaatc 780  
 taaagtttct cattcaattt cgcattgcac tttgctacca caaactaaat ggggtgtacat 840  
 ttttgagtgc tgatttatta ctcaaagggt tgaatttgga gactgaaaca aaccatgctt 900  
 tatctgtgta ctttgagaaa atccatccac aagaaaggag ccaagcgtca gtttccaatg 960  
 gggggaacat tctcatggag gtactgtaag gctaagtctg tccacttcat ttcttgttct 1020  
 ttgacagatt ctgtggtgcc accattgtct tgttcagggt caggaagctc attcagtggg 1080  
 attgcgacat cctcataagg cagcttgtct tctcgccaag catcatcaat caaatccaag 1140  
 atccttccac ctctctgaac ctactgtcc attttcctgc agctttgate ttgtcaaata 1200  
 gtacgacagg cgtccctca gctgcggctt cctgcctaca ggcaggatgt accaaacgtg 1260  
 gaagcggaga cggggaggtc tgggggtgcc acgcaagtcc ctttctctcc gacacgagtg 1320  
 cagtaaagaa aaacggttat gagcgtaaag tgacagctc ggccgatggg aatagggggr 1380  
 aagtccgaca ctgagcaacg aacgcattcc cgcgcctcca aaacctaggc cgggggcgct 1440  
 ggaaaccctt accggcaccc ggccaccgcg gcagacgctt gctcctgcca 1490

<210> 3590  
 <211> 2177  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(977)

<223> similar to gil916617 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3590
cggcttcgtg gaagcgggcg aggagtgtta ctgcgtttcc tggccaggag tgccgcgacc      60
tctgctgctt tgctcacaac tgctcgctgc gcccgggggc ccagtgcgcc cacgggggact     120
gctgcgtgcg ctgcctgctg aagccggctg gagecgtgtg ccgccaggcc atgggtgact     180
gtgacctccc tgagttttgc acgggcacct cctcccactg tccccagac gtttacctac     240
tggacggctc accctgtgcc aggggcagtg gctactgctg ggatggcgca tgtcccacgc     300
tggagcagca gtgccagcag ctctgggggc ctggctccca cccagctccc gaggcctgtt     360
tccaggtggt gaactctgcg ggagatgctc atggaaactg cggccaggac agcgagggcc     420
acttcctgcc ctgtgcaggg agggatgccc tgtgtgggaa gctgcagtgc caggggtggaa     480
agcccagcct gctcgcaccg cacatgggtg cagtggactc taccgttcac ctatagtgcc     540
aggaagtgac ttgtcgggga gccttggcac tccccagtgc ccagctggac ctgcttggcc     600
tgggcctggt agagccaggc acccagtgtg gacctagaat ggtgtgccag agcaggcgct     660
gcaggaagaa tgccttccag gagcttcagc gctgcctgac tgectgccac agccacgggg     720
tttgcaatag caaccataac tgccactgtg ctccaggctg ggctccaccc ttctgtgaca     780
agccaggctt tgggtggcagc atggacagtg gccctgtgca ggctgaaaac catgacacct     840
tctgtctggc catgtcctc agcgtcctgc tgectctgct cccagggggc ggcttggcct     900
ggtgttgcta ccgactccca ggagcccatc tgcagcgatg cagctggggc tgcagaaggg     960
accctgcgtg cagtggcccc aaagatggcc cacacaggga ccacccctg ggcggcgctt    1020
accccatgga gttgggcccc acagccactg gacagccctg gccctggac cctgagaact    1080
ctcatgagcc cagcagccac cctgagaagc ctctgccagc agtctcgctt gacccccaag    1140
cagatcaagt ccagatgcc aatcctgccc tctgggtgaga ggtagctcct aaaatgaaca    1200
gatttaaaga caggtggcca ctgacagcca ctccaggaaac ttgaactgca ggggcagagc    1260
cagtgaatca ccggacctcc agcacctgca ggcagcttgg aagtttcttc cccagtgga     1320
gcttcgacct acccactcca ggaacccaga gccacattag aagttcctga gggctggaga     1380
acactgctgg gcacactctc cagctcaata aaccatcagt cccagaagca aaggtcacac     1440
agcccctgac ctccctcacc agtggaggct gggtagtgct ggccatccca aaagggctct     1500
gtcctgggag tctggtgtgt ctctacatg caatttccac ggacctcact ctgtggaggg     1560
catgactgct ggccagaagc tagtggtcct ggggccctat ggttcgactg agtccacact     1620
cccctggagc ctggctggcc tctgcaagca aacataattt tggggacctt ccttctctgtt     1680
tcttcccacc ctgtcttctc ccctaggtgg ttcttgagcc cccaccccca atcccagtgc     1740
tacacctgag gttctggagc tcagaatctg acagcctctc cccattctg tgtgtgtcgg     1800
ggggacagag ggaaccattt aagaaaagat accaaagtag aagtcaaaaag aaagacatgt     1860
tggctatagg cgtggtggct catgcctata atcccagcac ttggaagc cggggtagga     1920
ggatcaccag aggccaggag gtccacacca gctgggcaa cacagcaaga caccgcatct     1980
acagaaaaat tttaaaatta gctgggcgtg gtggtgtgta cctgtaggcc tagctgctca     2040
ggaggctgaa gcaggaggat cacttgagcc tgagttcaac actgcagtga gctatggtgg     2100
caccactgca ctccagcctg ggtgacagag caagaccctt gtctctaaaa taaattttaa     2160
aaagacatat tacactt                                     2177

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<210> 3591  
<211> 489  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (490)...(41)

<223> similar to gi4096055 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3591

tttttttttt	ttacagattt	tggtttttat	tctggccatc	acacatctac	ttctaagaca	60
acacagaccg	gcagtacccc	atcccccatg	accactgtca	caaccccaat	ttctcagcc	120
ccctcctccc	acccaccccc	ttctgccaa	ctccccgtat	gggggctctg	cctacacctc	180
accccgggca	tgcagcatga	agtggccgtg	cagctcccc	agggtgtcga	aggaatcctc	240
acattccgta	cagtggtagg	ttccctcctc	ctcctcttcc	tcctcctcct	cccggccagc	300
tggtcggccc	tccccagccc	gaggtgggtt	ctcctcttcc	tccccgaggg	ccctgccttc	360
aggggctggt	gcttctctgg	gggctgtagc	agggcagcag	aacctgcagg	gtgggggttc	420
cgggtggggcc	tccccaaggg	gtgagcggcc	acagagctgg	caaggctggg	ccgggggctg	480
ggctgcacg						489

<210> 3592

<211> 933

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (875)...(252)

<223> similar to gi212659 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3592

tttttttttt	ttaacgggaa	aggatgagtt	acgtttattg	ccccatccct	tcactgaatg	60
tttacattaa	caaacaccaa	agagcaaact	gggcttccca	caactgggcca	tgcagaggac	120
aggccaagaa	actccacatc	ataacagcct	cctgatgcct	gggcttggct	ggagctcaca	180
tgaggtgctt	tgattttctt	tgcagactct	cggatgatga	tgctacaact	gacttatcat	240
ctttgtcata	gacggtgagc	gtgcagctgc	tgcggtcctt	tgcccagctc	gttctccacc	300
agcacgctgt	aatcgccgct	gtccttgagc	gcgcaggtgg	ggatgacgag	gggtgcacacg	360
ccgctgggtg	agttgtacca	gaacttgag	ttggccgtga	tggtgacgtc	gcccttgtag	420
agggtcactg	tgggcccggg	gttcccaagg	aaggcgcagg	tcattggtgca	gtcctggccg	480
cggagcaccg	tgtgtggctt	gaggggcgtc	acgaagcgcg	gcgcgtggcg	ccagtccttc	540
ttctcgtagg	gcttgagctt	ggcgctcagg	tcctggatct	ggtccttatt	gatgagccag	600
gtgtccctgg	agtcaagtgg	ctcactgtca	ccgatttcat	tccgagccac	cactctgaag	660
tagtacttcc	tgcttgggag	cagccccgtc	actgtgtact	tggtgctgaa	gacacgctcg	720
gctgccgtgt	accaggtggc	tgtgcttgca	tcccgttcca	tgatgatgta	gtgagcctca	780
ccgtcctcct	gcacatctgg	gctgtgggtt	caggtcagag	tcactgtgtt	ggggacttcc	840
tcaaacaacc	gtaggtttgt	ggggggccga	gggaaatctg	gaagagttgg	aagatctgtc	900
agcgaccttg	gggcacctga	agtattatgt	ccc			933



<210> 3593  
 <211> 1779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (146)...(955)  
 <223> similar to gi2462828 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3593

tttcgtcttc	actatggcga	cggtgggggc	tccgcggcac	ttctgccgct	gcgcctgctt	60
ctgcaccgat	aacttgtacg	tggcgcgcta	tgggctgcac	gtgcgcttcc	gagggcgagca	120
gcagctgcgc	cgggactacg	gcccgatcct	gcgcagccga	ggctgtgtta	gcgccaagga	180
cttccagcag	ctgttagcag	agcttgagca	ggaggtggag	cggcggcagc	ggctggggca	240
ggagtcagca	gctaggaaaag	ccctcatcgc	gagttcctac	cacccggcac	ggcctgaggt	300
ctacgactca	ctgcaggatg	cagctctggc	ccccgagttc	ctggccgtga	ctgagtacag	360
cgtgtcccca	gacgcagacc	tcaagggcct	tctccagcgg	ctggagacag	tatcggagga	420
gaagcgcac	taccgggtgc	ctgttttcac	agcgcccttc	tgccaggccc	tgctggaaga	480
gctggagcac	ttcgagcaat	cggacatgcc	taaggggagg	cccaacacca	tgaacaacta	540
cggggtgctg	ctgcacgagc	tcgggtgga	cgagccgctg	atgacaccac	tgcgggagcg	600
cttcctgcag	ccgctgatgg	ccctgctgta	ccctgactgt	gggcgggggc	cggctcgaca	660
gccaccgggc	ctttgtggtc	aaatacgcac	cgggccagga	cctggagctg	ggctgcccac	720
tatgataatg	ccgagctcac	cctcaatgtg	gccttgggca	aggtcttcac	agggggcgcc	780
ctgtattttg	ggggcctctt	ccaggcaccc	acagccctga	cggagcccct	ggaggtggag	840
cacgtggtgg	gccagggtgt	cctccaccgt	ggcgccagc	tgcatggagc	ccggcccttg	900
ggcactggtg	agcgttgga	ccttgctgct	tggtccgag	cctctgctgt	gcgcaacagc	960
ctctgtccca	tgtgctgccg	tgagcccgac	ctgggtggacg	atgagggctt	cgggtgatggc	1020
ttcacccgag	aggagcccg	cacggtggat	gtatgtgcgc	tcacctgagc	ttgcttgggc	1080
ccagtgtggg	ggtggcaggc	aggtgagggc	tccgttgcc	tggtctgggg	gcagaaataa	1140
aatccccgca	gcctactgca	cttcttggt	caacggtgtg	ccagcttctg	ggtcattcta	1200
tggggcaaag	atgctgcctt	agttcagggt	tgtcagaagc	agggctctga	atggggcttc	1260
agcgagggag	tcaggggaagc	aggggagggg	agggagcagc	tgggcaagga	agtggcttca	1320
gaggacgtcc	agcctcagct	ggccccacgg	agagctccag	gcagagccca	cagtaccaca	1380
gtgtgcccac	accaccggtt	actggctcct	ggatgagggg	gccagagagg	agtgaataac	1440
ttcccagaca	cttacctcca	gggcagggtg	ccttccagta	gccaagggaa	gcctccagag	1500
agcacagatg	tgaacctca	gcagcaggca	tcacccccca	gtggactcgg	gtggggccacc	1560
agtagcatct	tctagatggc	agaggggtga	atggcagggc	caggaaccag	gctgcccggg	1620
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tgccttcggt	tcctcattta	gccccctacct	cctagagctg	ttttgggagt	caaatgcgct	1740
gacgtatata	aagtgccttg	caagatcaaa	aaaaaaaaa			1779

<210> 3594  
 <211> 819  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (2)...(820)

<223> similar to gi5410527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3594

atccccacat	tgccaggtac	cagaaacaca	gaagactgac	acccgccact	taagtggggc	60
cagggctggt	gtctgcccac	gttgccatcc	tgatgggctg	cttgccacaa	tgagggatct	120
tcttcaatac	atcgcttgct	tctttgcctt	tttctctgct	gggtttttga	ttgtggccac	180
ctggactgac	tggttgatgg	tgaatgctga	tgactctctg	gaggtgagca	caaaatgccg	240
aggcctctgg	tggaatgcg	tcacaaatgc	ttttgatggg	attcgacact	gtgatgagta	300
cgattccata	cttgccgagc	atcccttgaa	gctgggtgga	actcgagcgt	tgatgattac	360
tgcatatatt	ctagctgggt	ttggatttct	caccctgctc	cttgggtctg	actgcgtgaa	420
attcctccct	gatgagccgt	acattaaagt	ccgcactctg	tttgttgctg	gagccacggt	480
actaatagca	ggtaccccag	gaatcattgg	ctctgtgtgg	tatgctgttg	atgtgtatgt	540
ggaacgttct	actttggttt	tgacaaat	atctcttggt	atccaatata	aatttggttg	600
gtcctgttgg	ctcggaatgg	ctgggtctct	gggttgcttt	ttggctggag	ctgttctcac	660
ctgctgctta	tatcttttta	aagatgttgg	acctgagaga	aactatcctt	attccttgga	720
gggaaagcct	attcagccgc	gggtgtttt	ccatgggcca	agtcatactc	agccccctgc	780
acagagacgg	ccaaaatgta	tgctgtagac	acaaggggtg			819

<210> 3595

<211> 1843

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (258)...(1366)

<223> similar to gi4586963 in the genepept database release 114;  
Run with FASTXY 3.3t00, default parameters

<400> 3595

ctggtattca	tacagtgaca	gagggagtgt	ttttagaaat	ttatagctgt	ttctaggtga	60
aaacactggg	tgatttagct	cccttggtaa	gagcactgag	cagaaagaag	ttccctatca	120
aatgggtgtg	tggagcagcc	ctgttctccc	catcccgtag	agctccagga	agttaaccag	180
ggacttcagc	tgcgacctgc	agatttctaa	gccccctgt	tatttctctg	tcttttacgg	240
gcctgtgtat	ttcagacttg	gtgggtggcag	tcaacggggg	ctggatcctc	gtggagacat	300
ttatgctgaa	aggtgggaac	ttcttctcca	agcacgtgcc	ctggagttag	ctcgtctttc	360
taactatcta	tgggtgggag	ctgttcctga	aggttgccgg	cctgggcccct	gtggagtact	420
tgtcttccgg	atggaacttg	tttgacttct	ccgtgacagt	gttcgccttc	ctgggactgc	480
tggcgctggc	cctcaacatg	gagcccttct	atctcatcgt	ggtcctgcgc	cccctccagc	540
tgctgaggtt	gtttaagttg	aaggagcgct	accgcaacgt	gctggacacc	atgttcgagc	600
tgctgccccg	gatggccagc	ctgggcctca	ccctgctcat	cttttactac	tccttcgcca	660
tcgtgggcat	ggagtcttct	tgcgggatcg	tcttcccca	ctgctgcaac	acgagtacag	720
tggcagatgc	ctaccgctgg	cgcaaccaca	ccgtgggcaa	caggaccgtg	gtggaggaag	780
gctactatta	tctcaataat	tttgacaaca	tcctcaacag	ctttgtgacc	ctgtttgagc	840
tcacagttgt	caacaactgg	tacatcatca	tgggaaggcg	cacctctcag	acctccact	900

ggagccgcct	ctacttcatg	acctttttaca	ttgtgaccat	ggtggtgatg	acgatcattg	960
tcgcctttat	cctcgaggcc	ttcgtcttcc	gaatgaacta	cagccgcaag	aaccaggact	1020
cggaagttga	tggtggcatc	acccttgaga	aggaaatctc	caaagaagag	ctggttgccg	1080
tcctggagct	ctaccgggag	gcacgggggg	cctcctcgga	tgtcaccagg	ctgctggaga	1140
ccctctccca	gatggagaga	taccagcaac	attccatggt	gtttctggga	cggcgatcaa	1200
ggaccaagag	cgacctgagc	ctgaagatgt	accaggagga	gatccaggag	tggtatgagg	1260
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agcagccccc	aggcagccgc	cagcgctccc	agaccgttac	ctagcccagc	gcccgaagc	1380
cgtctcttct	atgcaataac	acaatagtat	tactctactg	cgatgtacgg	aactgcggtg	1440
tgtgtacaca	tactcacgta	tatgcacata	tttatataca	ggaagaaaaa	agacagacaa	1500
gatggggctt	ggttttataac	caccttgccc	tgtcttcctt	aactccagaa	gccagtgttg	1560
tgaggggtgg	gggtgcggcc	accaggtctg	agctcttcct	actgtggaag	gctccagaag	1620
gcccttcaca	aggagacccc	tcacctggat	ccagtcgact	gcggggcttg	cccctcatgt	1680
gggctggcct	ccatcggccca	cgtccaaagc	tgctactgct	actgcttcag	gctcacatcc	1740
ccccgacctg	atggcggtgcc	cgccccctct	ccctgcgggc	catgccacag	gtttctgtgt	1800
tttgctttag	ggacagaacc	acttaggaag	gaaagaactc	ccg		1843

<210> 3596

<211> 4917

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(4917)

<223> similar to gill136426 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3596

aggactacat	cgagaagcac	tgcccagagc	ccgtgggtgcc	ggtggagctg	cagaagctgg	60
cccggggcag	cctggtgggc	ggcggggcgc	agcggccccc	gcagacccc	ctgcgcctgc	120
tggtggagc	cgacaactgc	ctgcaccgcc	tctacggcgg	cttctacacc	gactgggtca	180
gcggcgccca	gtggaaccac	atgcttggtc	acctggcggc	gctggccaag	gcctgcttcg	240
gcggcaacat	cgagctcttc	gtcttcttca	acggcgcgct	cgagaaggcc	cggctgcacg	300
agtgggtcaa	gcggcagggc	aacgagcgcc	agacggcaca	gcagatcgtc	agccatgtcc	360
agaacaagg	caccccgccg	ccaaaggtct	ggttcctgcc	gcccgtctgc	atggcccact	420
gcacccgcct	ggcgtcatc	cgcttccacg	tcaaggttgc	acagagcatt	gaggatcacc	480
atcaggaagt	gattggtttc	tgcaagagaga	atggtttcca	tggtttggtt	gcgtatgact	540
ctgattatgc	actgtgcaac	atcccctact	atttcagtgc	ccatgcccta	aaactgagcc	600
ggaacgggaa	aagttctcac	cacaagccaa	tatctgatgc	atgaagttgc	caagcaactg	660
gacctgaatc	caaactggtc	tcctattttt	gctgctctct	taggaaatca	cattctgcct	720
gatgaagatc	tggtcttcct	tcactggagt	ttacttggtc	cagaacatcc	actagcctca	780
ctaaaggtcc	ggggccacca	gctgggtctg	ccaccttgcg	acgtagtgtg	caaagccgtt	840
gctgactatg	tacgcaacat	tcaggacacc	tctgacttgg	atgccatagc	taaagatgtt	900
ttccagcatt	cacagtctag	aacagatgac	aaagtatttc	gatttaagag	agcaattgga	960
tattattcag	cgactagtaa	gcctatgtca	tttcatccac	cacattactt	agcagccaga	1020
cccggctcgt	ttggaatgcc	tggtgatggtg	ccgcccgcag	ttcctcctca	gatgctcaac	1080
attccgcaga	cctctctgca	agcaaagccc	gtggcccccac	aggtgcccag	cccagggggc	1140
gccccggggc	aggggtccata	cccgtacagc	ctctctgagc	cagcacctct	cactttggac	1200
acgagcggga	agaatctgac	ggagcagaac	agctacagca	acattcctca	cgaaggggag	1260

cacacgccgc	tgtatgagcg	gtcctcgccc	atcaaccg	cccagagcgg	cagccccaac	1320
cacgtggatt	cgcctactt	ccctggctct	tctacatcgt	catcttccga	caacgacgag	1380
ggcagcggag	gggcgacaaa	ccatatcagc	gggaacaaga	ttggctggga	gaagacggga	1440
agccactcag	agcctcaggc	acgaggagac	ccaggagacc	aaacaaaggc	agaaggctcg	1500
tccactgcct	cttcaggaag	ccaactagcc	gaaggcaagg	gaagccagat	gggcactgtc	1560
cagccaatcc	cgtgcctect	gtcgatgccc	accaggaacc	acatggacat	caccacacct	1620
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gcttttagaa	agaacagact	tccaccagaa	ttttcaccag	tgatcattaa	agaatgggca	1920
gcttacaaag	gaaagtctcc	tcaaaccocg	gaactgggtg	aagctcttgc	cttcagggag	1980
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aacgtgcccc	ctcacctcat	ggtgctctgc	tgctctttac	ggtacatggt	gcagtggccg	2160
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agcttctcca	ggcagagcca	cacgtctcct	ttcccgccgc	cacctgccct	gcccttctac	2580
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cgggggcctt	tccccctgca	ggtgggtttct	gtcggaggac	cagctagagg	gcgtccaaga	2940
ggagttatct	ccacccagtc	gattagaaca	tttggaagag	gtggaaggta	ctatggcaga	3000
ggttacaaaa	accaggcagc	aattcagggc	agacctcctt	atgctgcttc	agcagaagaa	3060
gtggccaaag	aacttaagtc	aaaatctggg	gaatcgaagt	cctctgctat	gtcttcagac	3120
gggtccctgg	ctgaaaacgg	agtgatggcc	gaggagaagc	cggctcccca	gatgaacggg	3180
agcacgggtg	acgccagggc	ccccagccac	tctgaaagtg	ccttgaataa	tgactctaaa	3240
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aaggatgctg	gaagggtaa	gatttaggaa	tatctggaga	gaaagagagc	ctgcagttat	3420
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gatatcagag	atttaaacaa	cacattttta	gttttaacca	gttgtagtca	aaatgctaca	3540
ataaaaacaaa	aaagagaaa	aaaatgaaga	gcatttgact	cccgcaacta	aaatgaagta	3600
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aaaacaaatt	ttggcagctc	ttaagtatat	atagcttaaa	atataatttt	tagcatttgg	3720
caccatattg	atgccattat	atttgatttt	gcattactgt	ttcacaatga	agctttcttt	3780
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ctgcatgggt	cataattttt	aaagtgtgta	gttaatatgc	atgttatcgt	cctttcttcc	4200
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atgccttcat	attagcaaat	atgaaattct	gtgaaaaaaa	accctttgat	cttaaaaaaa	4500
aaaaaccacc	cccccttctt	gtagcaggaa	acaaattgct	tgttcttgag	aactttccca	4560
tcaagaattt	agtagaagca	ggtatacttc	tatcattttg	atgtttttgt	taatgtttcc	4620
aaacaatgta	ctttgaaatc	agaatcactt	cttatcgttt	tcatatactt	ctgatgctct	4680

tcatcacatt	agtgatcaga	aatgaggtgt	aattccccaa	cccctgcccg	caagagctaa	4740
gtaggatctt	actgtaagtt	gaagggagtt	ttgccctaac	tcatggattg	tgcaagaatg	4800
aactgctgtt	gggttttgatt	gactgtcgat	ggattgtggt	gtggtgtatc	tgaaggctat	4860
tgaatgcaac	ttacaatgct	taataaaaaat	ctttattctt	ttagtataaa	aaaaaaa	4917

<210> 3597

<211> 2401

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(1608)

<223> similar to gi4102707 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3597

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gtgggtgtca	ccgatgggc	tccgagtggg	ggacgacaaa	accaaggatc	ttctggtcga	180
ccagaccatc	gaaaaggtct	ccttttgtgc	tcctgaccgc	aacctggaca	aggctttctc	240
ctatatctgc	cgtgacggga	ctaccgcgcg	ctggatctgc	cactgttttc	tggcactgaa	300
ggactccggc	gagaggctga	gccacgctgt	gggctgtgct	tttgccgcct	gcctggagcg	360
aaaacagcga	cgggagaagg	aatgtggggg	cacggccgcc	ttcgatgcca	gccgcaccag	420
cttcgcccgc	gagggctcct	tccgcctgtc	tgggggtggg	cggcctgctg	agcgagaggc	480
cccgacaag	aagaaagcag	aggcagcagc	tgccccact	gtggcttctc	ggcctgccc	540
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gagcagctgg	ttcgccaggg	ctccttccgt	gggttcccag	cactcagcca	gaagaactcg	720
cctttcaaac	ggcagctgag	cctacggctg	aatgagctgc	catccacgct	gcagcgccgc	780
actgacttcc	aggtgaaggg	cacagtgcct	gagatggagc	ctcctgggtg	cggcgacagt	840
gacagcatca	acgctctgtg	cacacagatc	agttcatctt	ttgccagtg	ctggagcgcc	900
agcaccagg	gccaccacct	gccacaacag	ggacttctgc	ctgggggtgag	ccctcccgtg	960
ccccctgcag	ctgccttcca	gcctgggcac	aagcggacac	cttcagaggc	tgagcgatgg	1020
ctggaggagg	tgtcacaggt	ggccaaggcc	cagcagcagc	agcagcagca	gcagcagcaa	1080
caacagcagc	agcagcagca	acagcaacag	cagcaagcag	cctcagtggc	cccagtggcc	1140
accatgcctc	ctgccttgca	gcctttcccc	gcccccggtg	ggccctttga	cgctgcacct	1200
gcccgaagtgg	ccgtgttctt	gccaccccca	cacatgcagc	ccccctttgt	gcccgcctac	1260
ccgggcttgg	gctaccacc	gatgccccgg	gtgcccggtg	gtgggcatca	cacctcaca	1320
gatggtggca	aacgccttct	gctcagccgc	ccagctccag	cctcagcctg	ccactctgct	1380
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ccctcgcccc	aatggggccc	cctggcccc	tgagccagcg	cctgccccag	ctccagagtt	1500
ggaccctttt	gaggcccgat	gggcggcatt	agaaggcaaa	gccactgtag	agaaaccctc	1560
caaccctttt	tctggcgacc	tgcaaaagac	attcgagatt	gaactgtagc	ccgagccgcc	1620
ccaccctctc	catcatctcc	aggtgcccc	cgctggggg	tggaggcaca	acctctcccc	1680
taaccctgct	ccctgggggt	gcgccccctc	acaccctctc	aacaccccc	tccctcaacc	1740
accccgacaa	ccactacaga	accaacattg	tgacgcccag	gttgcaacag	gatggaattc	1800
agggacggac	ccagcctggc	taagggaacc	atttactgc	cggacttagg	ctggcaatgc	1860
ccccctcccc	aacccagac	acaggggttg	gccacaatcc	cactgaatgc	ccttgggttca	1920
cactccattt	cccagtttct	gttgaccccc	accttccagt	gttggaacag	atggaggggg	1980

gacacttgct	taggggctct	cctgggcccc	acaccagtgc	ccaccccaaa	tctggtcgtc	2040
tcctcccccc	atgcacagca	caagctaagg	gctgcccctc	gccacacgc	tgcgttcaact	2100
gccaatgctg	tactcacctc	catcacctc	caactttggg	gccatgtct	tccttggggc	2160
aagggtctcat	gggggctagg	gccaaagtgg	gggcccagga	ggcggggagg	gaggaggagg	2220
agaagatgcy	cagttacctc	atgtcgggtc	ccgctgggga	ggggtccggg	aagaagggga	2280
aggggtgcct	ggcgggtact	tttctatctt	ttatttccag	atTTTTTTTg	tatctaaact	2340
tgaagatttg	tattatacaa	ggacagccaa	taaaggaaga	atataatggt	gaaaaaaaaa	2400
a						2401

<210> 3598

<211> 1033

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1033)...(331)

<223> similar to gi3746840 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400>	3598					
tttttttttt	ttagtgcaag	aaatgctgca	tcattgaagc	acttgagaat	taccatgaaa	60
tctaacaaaa	aatgtcatca	actcaggagt	aataataaaa	aagagaaaca	accagagagg	120
cacacagatt	gttgTTTTTT	taaaaggatt	tttatactat	attaaaaaac	cacaaaaataa	180
aaaagggatc	aatcaacata	tatcttagaa	gtccttccaa	gagtcttggt	atgcaacagc	240
catggaggct	gtgacctttt	tccttctttt	ctcagcctgc	agttcattta	aggatcaccg	300
gagatgactc	gtgctctagt	tcttaaaatc	aaacttggtc	tgccaaatcc	aagaccctga	360
atTTgtccaa	attgtagaaa	catgctttta	ccaccgctcc	accaaaatac	ctccattca	420
agtcaacaac	cgctttaatt	gctgattcaa	ctctctcaaa	ttctaataat	atccgtactg	480
cttcatcatc	agggggcacca	ggaatttcaa	atatcacaca	ttttccaact	ttgccatatt	540
tttcacattc	ttccttggtt	tcaacttcca	agtcttcate	cacctctccc	gcaccaacca	600
tgttccttag	taagaccact	ttagtaggac	acttaagtat	ttcagtcagc	ggatttgaat	660
ctgacttctt	ggatgcatct	ttctctgtgg	cgtcgcccac	gatgatcttg	ccgccacgct	720
tgctggtctt	ctccactgac	aaggcagtgc	tcaggccctg	ctcatgcttc	cccagaccct	780
ggccctcccg	gaagccgtac	ttctgcatga	tcttggtgcg	caccgtgccc	cccaagttag	840
cgaggaagga	gttgcgctgg	gccgggttgg	agatctcggt	ctgtcttggt	cctcgtacac	900
tgggggagga	atggcagttt	tggaagactg	tgatcgaggt	cttgagtcct	cttcataagg	960
aaaatctcgg	ggtaactgtc	ttttactgcc	agagaagtgg	gtgaggcaat	ggcagctccg	1020
cccatacttg	ttt					1033

<210> 3599

<211> 1471

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1472)  
 <223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1436)...(738)

<223> similar to gi3165570 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3599

cctttttttt	tttttttaggt	tttagcagca	cttttacttc	cacatccaaa	ctccctgggt	60
cctcacaaca	gccctgtgag	gtaggtaggg	taggaagggt	tcagagatcc	ccatttatag	120
atgaggatgc	tgaggcacag	agagggtgaag	tgacttggtcc	aagggtcatac	aaccagcagt	180
gtagagggct	caaagccagc	attcctccac	ttgaactcct	gcgctccggc	cctctggcag	240
ttcccacatc	ctctctattc	tctctgtgtc	ccccaccctc	tcaactctcc	tgggtctgca	300
gggaccctaa	aggcagcctg	gcagctgaga	tttttcagga	atggcaactg	gggtaggcct	360
ggtcaactcc	agataggaac	tgaccctgaa	gagcatgagg	ccagctttgc	ttctcccat	420
ttcccagttg	gatggaaggc	ctagtaggtc	ccagggcaag	gatggagcta	ggcatgattc	480
atgaacgaat	ggtgataaag	gtaggtgtaa	gcataatgtgt	gtcctgcaact	aaagacaaaag	540
gctcccctaa	ccaaggccc	caaggcagt	tttcaagtgc	tcaccccat	gcctctctca	600
tcccacagag	ccacagttag	tgtcctcagc	agcaaaagga	gccatagaaa	tagctgcctc	660
tggcaatgag	ctgctccagt	ggacagctcc	caccaagcct	tcagacccca	tcacgcagac	720
acagtgcctc	cacggcttga	ctggggccct	gggccacacc	ccaataaca	aacagccggg	780
gcccagcctg	cagactagag	caggagcagc	gggcagtggg	catggcaggc	aatgcctccc	840
agcgccgccc	tgcaaggcta	aagctctcca	cagagcccaa	aggacatggc	tggtttccaa	900
ggcccccaat	ggccacaatg	tggcccccaa	gggacccaac	cacaaagtct	gccctcttat	960
ccctcatgcg	caggctgcgg	ggcaatttgg	tccaggaccc	atgctccagg	tcaaacatct	1020
ccacagtgtt	gacaaagtgt	gggcgagagt	agaagttgtg	gggcccaggc	tgctgcaggc	1080
caccagggct	aaagacgctg	ccttcagcca	tggcgcagcc	agcaaaggcc	cgacggctgg	1140
gtaggcttgg	atgccgggtc	catgtacggg	cctccagatc	aaaggcttca	aaagcagtca	1200
ccgggagctt	gccctggcgg	ccccccagga	catagatctt	gttcccgtgc	aggaagggtg	1260
aggccccata	gcagggtgtg	ggcatggagg	gtagcgaaag	ccagcagtcc	cgacggggct	1320
catacacacg	tacctggggc	tggggggccg	tgtcagggcc	cattcccccc	agagcataca	1380
ccataccatc	cgccgggtgct	acgatgctgc	caggggtacgg	ggtccgccgt	tccgctggca	1440
cgaggcctcg	aactgagtan	nnnnttccat	g			1471

<210> 3600

<211> 949

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(318)

<223> similar to gi2645205 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3600
agccccatca gtaagaagcg gaaacgaaag ggatcttgcc agagacgaag aagcgcaaga      60
aacgcaagtc agaggatgcc acgccagcgg aggatggcac acctgcagcc accgcgggag      120
ccagcccccc agcatgggca ggaagaagag gaacaggaca aaggctaagg tcccagcccc      180
ggcaaacggg acgccaacca ccaagagtec agccctggc gccccaccc ggagccccag      240
caccctgcc  aaatccccaa aactgcagaa gaaaaaccag aagccacccc cggttctggg      300
ctgggacctt ggctccaggg ccatgtccag ggctctggtg tttgcctggg ttggtgcagg      360
ttgatgtgct ggctgcaggc aggtgtgacc atctctcgtg cctgccacct ctttgcccc      420
aggctttttt gctgtgaggg agccaccagg ggggtgattta aataggttta tttcttcatt      480
tacaagagga atatatattg cttctctctt aagactctga gattcacaat cagcagctct      540
aaaaaataaa ggagcagttt ggcttcggga aggaagagga ggcaacactc ggacctggtt      600
cttgatatac aagaaaacat cgctggggcc ccgctgaggc tggagtgggg gtggaggctg      660
gtctttggag gatgccaccc ccaccccatc ctcttgtagc gccctcgggg taccacagag      720
cttggtgggt gagtattcca cctgcttaca caccactgaa ggccacagcc aggccagtta      780
cttagggggg caagaaagag cattgtccaa gctggctctt gggggggggt cccattggc      840
cacaaaggcc tcacccccca ccccatcccc gtaaccagaa accaccttga ttgcagcaga      900
aattcaggca gatgggtagc gcaggggggc taaccccccc acaagcggg      949

```

<210> 3601

<211> 1459

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(987)

<223> similar to gi808915 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3601
ctggcgggcg tgggaaccca ggccccgccg aggcggccag gaggtgagat ggcagctggg      60
caaaatgggc acgaagagtg ggtgggcagc gcataacctgt ttgtggagtc ctcgctggac      120
aagggtggtc tgctggatgc ctacgcgcac ccccagcaga aggtggcagt gtacagggct      180
ctgcaggctg ccttggcaga gagcggcggg agcccgagc tgctgcagat gctgaagatc      240
caccgcagcg acccgcagct gatcgtgcag ctgcgattct gcgggcggca gccctgtggc      300
cgcttcctcc gcgcctaccg cgagggggcg ctgcgcgcgg cgctgcagag gagcctggcg      360
gccgcgctcg cccagcactc ggtgccgctg caactgggat ctgcgcgcgg gcgccgagcg      420
gctggaggct ttgctggcgg acgaggagcg ctgtttgagt tgcatcctag cccagcagcc      480
cgaccggctc cgggatgaag aactggctga gctggaggat gcgctgcgaa atctgaagtg      540
cggtcggggg gcccggggtg gcgacgggga ggtcgcttcg gcccccttgc agccccgggt      600
gccctctctg tcggagggtg agccgcgcgc gccgcgcgca cctgcccaga cttttctgtt      660
ccagggtcag cctgtagtga atcggcgcgt gagcctgaag gaccaacaga cgttcgcgcg      720
ctctgtgggt ctcaaagtc gcaaggtggg gcgctcactg cagcgaggct gccgggcgct      780
gcgggacccg gcgctggact cgctggccta cgagtacgag cgcgagggac tgtacgagca      840
ggccttccag ctgctgcggc gcttcgtgca ggccgagggc cgccgcgcca cgctgcagcg      900
cctggtggag gcactcgagg agaacgagct caccagcctg gcagaggact tgctgggcct      960
gaccgatccc aatggcgggc tggcctagac caggggtgca gccagctttt ggagaacctg      1020
gatggcctta ggggttccttc tgcggctatt gctgaacccc tgtccatcca cgggacctg      1080
aaactccact tggcctatct gctggacctg ctggggcaga gttgattgcc ttccccagga      1140

```



gccagaccac	tgggggtgca	tcattgggga	ttctgcctca	ggtactttga	tagagtgtgg	1200
ggtggggggg	acctgctttg	gagatcagcc	tcaccttctc	ccatcccaga	agcgggggctt	1260
acagccagcc	cttacagttt	cactcatgaa	gcaccttgat	ctttggtgtc	ctggacttca	1320
tcctgggtgc	tgcagatact	gcagtgaagt	aaaacaggaa	tcaatcttgc	ctgccccccag	1380
ctcacactca	gcgtggggacc	ccgaatgtta	agcaatgata	ataaagtata	acacgggattt	1440
tgatgtgaga	aaaaaaaaaa					1459

<210> 3602  
 <211> 2416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2417)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2383)...(2122)  
 <223> similar to gil872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3602						
tttttttttt	ttttttttca	caagttatat	tttattttta	cacgaggatt	aacatatagt	60
tacaagggtca	atacaagcct	ccagtgggaag	ctctttat	ggtttaattc	catctccaga	120
gacaaacagg	caactctagg	acctttacag	tggcgatcgg	cctccacnac	agcaaaatgc	180
ctccaaagt	tagaattagt	gcaacacaca	tacgaacgtt	ttaaagggtgc	tcaacatcag	240
gttaaaatag	aattctggac	ctttttaaaa	agtttttgga	tgatataagc	acaggaggca	300
gagccaataa	gaaacatgaa	accaatat	ctggaaaaac	acttagcatg	aacgtcactt	360
tttgacgtcg	tgtaaac	cttctgcaat	gacggatgtt	accaaaggc	attgagacct	420
ttgcgctg	ctggtttagac	aagccgcagg	cttatctcca	cggtagcag	gataaaaacc	480
cccaagggaac	agcccatgac	aaccttctgt	gcctttttat	actttcccat	cctacaaagg	540
aaaaactggg	taaaggacaa	gttcctccct	ttcattgcgt	ttctaagaac	ttttcagggc	600
aggttctttt	aaaattagtc	atcttacaac	acaacagtat	tctagcacgg	tggcgaagtg	660
acaggcggca	gatacggggg	aggaaggaga	cgttcacggg	aaattccaca	ttctacteta	720
tgtgaactgc	tccagaaaaa	tacagacatg	atttcacagt	aggattccca	gagtaaatga	780
tgatacatag	gacaactgac	ctcctctaag	aagcccggct	ggggcagcag	tgagcttttc	840
atggagccac	gcagactggc	ccggaagcaa	cacccagggt	caacatttaa	gagcactcgc	900
tataacattc	tttttgacg	caggtgggtg	aaaagtttaa	aaaacaggcg	gaggagtgc	960
gggggggatac	aagcatatcc	tatactgggg	gtgacgggtca	ttcaaagagc	aaattactgc	1020
agcttatatc	ttttccacta	tgttgcaaga	aatgaatcta	tcctgaccca	taatatgaaa	1080
gatgcgacgc	acatgcattc	ccgaggctct	aaaatcccat	tttaaagaac	cgtttcacat	1140
cctcgtggag	tggagagtgg	tccacttgac	ttggtgaggt	cagaagttcc	tgaagatccc	1200
tgctgtcccc	gttggcgggg	gagcccattg	tggagctgtg	gggactgcca	cactcaccat	1260
gcacctgttg	gtttgcaggg	acagaggtgc	ggccttgact	cttctcacc	tgtgtcatcc	1320
gggcttgtct	ttcgtctgtc	aagtcagtcc	tcctgcgtga	ctgatgggtg	caccacgctt	1380
aggtcaccgc	ttgcaggggac	cgggaagtcca	tggtctgtcc	gcaaccctga	gcggtttgca	1440
gtcccccccg	gggaagaagc	agtcagagag	gctcacgctc	acctacttta	aaaacccaaa	1500
gccacttcct	cttcacctgc	ctgggcctca	gcgtctctgc	gcttggtggt	tctcgtcccc	1560

gagggctgac	tgagctgctc	cggaaggggtg	gtgtgtggtc	aaccttggtt	ggctgagagg	1620
agcaatttcc	tggtttccac	aagtaaagac	agccccatcc	cttgggacct	gtcctttccg	1680
tccctgtccc	tttggttct	ataggacttc	cttgtcttag	attcataaac	agcaagagga	1740
actgaggatg	cttgagggga	ccacctagtt	accaaagcca	agcaaagaat	aaagctgccc	1800
gacatcatcc	ccaggcttcc	gtggcgctct	cggtcacagg	agcttttaggc	caatggttcc	1860
tcttgactgt	ttttgcccc	aatgagagga	ggggctgctt	tgctttaagg	cgtggcgggcg	1920
gggggggggt	ggtggccaca	gattagggga	cctcaggttt	tcctcaaaaa	cccacacagg	1980
gaaagaaact	tggctctaaa	agcaaactca	acgaattcca	catgccctga	agagcacgtg	2040
ataaaataca	aggggtggtg	cggcgggatc	cctcaaagga	ccacgagagg	cacgggggtct	2100
ttggtgatga	aagtgctaac	ctcggcgggg	tgcggtagct	cacacctgta	atctcagcac	2160
tttgggaggc	tgaggcgggc	ggatcacctg	aggtcaggag	tttgagacca	gcctgaccaa	2220
cacggtgaaa	ccctgtctct	actaaaaata	caaacattag	ccggcggtgg	tggtgcacgc	2280
ctgtaatcac	agctattttg	gaggtgagg	caggagaatc	gctggaaccc	aggaggtgga	2340
ggttgtagtg	agccgagatc	atgccactgc	actccagtct	gaacaataga	gcgagactcc	2400
cgtctcaaaa	aaaaaa					2416

<210> 3603

<211> 1190

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(493)

<223> similar to gi4056479 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3603

gcggccgcgc	tgcccgagct	gccggtgctg	gacgcccgcg	ggcagcgggt	acccgttcgg	60
cgcgctgttc	cgggagcgcc	gcgcggtggt	ggtgttcgtg	cggcatttcc	tgtgttacat	120
ctgcaaggaa	tacgtagagg	atctggccaa	aatccccagg	agtttcttac	aagaagcaaa	180
tgtaaccctt	atagtgattg	gacagtcata	ctaccatcat	attgagcctt	tttgcaagct	240
gactggatat	tctcatgaaa	tctatgtcga	tcctgagaga	gaaatttata	aaagattggg	300
aatgaaaaga	ggtgaagaaa	ttgcttcctc	aggacagagc	ccccacataa	aatcaaatct	360
actctcagga	agccttcaga	gcctgtggcg	ggcagtgact	ggccctctct	ttgattttca	420
aggagaccca	gctcagcaag	gtggaaccct	catttttaggt	ccaggtaaca	acatccattt	480
tatacaccgc	gataggaata	ggttgatca	caaacctata	aactctgttt	tacagcttgt	540
aggagttcag	catgtgaact	ttacaaacag	accttcagtt	atccatgtgt	gacttaaaat	600
gcactcagtc	actttcaact	ggaccttctg	gaatgtgacc	ttcaatgcct	gggtgtaata	660
tcctcgtgca	gtgtetaacc	tgctgtccct	tcccagcctt	tgaggagtta	gggaagcata	720
aagggggctt	gaacctgttg	aattgcatgc	tgggaagcat	cagttgtcaa	aatatgttat	780
atacttccat	tttataactt	ttaacatttt	atacaaaaaa	aatgaatata	caaaatataa	840
ctttaaaagc	tataaaatca	taaatactct	aaattatttt	acattatggt	atattcagtc	900
aatgaaagag	ttttttggca	atataaatte	tgacagtata	taaggggaca	ggagaacaac	960
acaagaccat	tatattcagt	gaagaaggca	aaatatcaaa	tctgtcaaca	atgtaactgc	1020
atttttatat	gtatatattt	gtatttttgt	atgctttgga	aaaagacagg	aaataaacac	1080
caaaatgttg	ccagtaggta	tctctgtgtt	aagattagcg	ctattatttt	cttttctgta	1140
cttttctgta	tttcccaact	gttatataat	gagcatgatt	aatattgtag		1190

<210> 3604  
 <211> 449  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (21)...(160)  
 <223> similar to gi1408211 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3604  
 aaaacttttg tttttttttt ttgaaagctg cacagcctga aattaccttt attcaattaa 60  
 tgcaaaaaca aaaggggaga tggtggaggc cgaaggaatg agggtcgtga ccaactcagt 120  
 ataccactgg aggcctctgtg agcaaacagc aaactgttct catgaaagca ggatgttggc 180  
 gaactgacaa actctgtctg ccgccagaag gaatgctggg ggcagtcagt tcccagggtcc 240  
 cgtgctcctt gaggttatcc acaggaacat ccagaacctc cataaaggca ggccatgctt 300  
 atcatcattg cagtatccaa tctgcagtgg tgctggctgc ctggtgtggg tgctcagtat 360  
 ttatctccaa gtcccgcctt tcgcgcctcg cctgctgctc tcccactcag cgccacctca 420  
 gtcccacaaa ggccgggctg ggatcctgc 449

<210> 3605  
 <211> 4197  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4198)...(1045)  
 <223> similar to gi31438 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3605  
 tttttttttt ttctgggtcag tggggggcact ggggtcagatt tattgcactt gcaacagagt 60  
 ttaaataagt cctgggtgtc tggtgccaag gtgaggggaag ggttgggcag agagatgagg 120  
 ggcagcatca gtgcagctgg caggcagaac ccaaattctg caggcccagg acagtgggct 180  
 cccctttctc tggggaacag ggagggcctg tgtctggcca ggctgagggt ccagatctgt 240  
 tgccatcatg gccccttcag ggtcctggga aattcctggc ttctcctaaa tcagggtgaa 300  
 ctgggcctcc aggatcaggt ctggagcagg ccaaataata gtcttgatc tgcttgatt 360  
 aggtgccaat gtctgagtct gggttccaga tcaactccag accccagggt ggaatctggc 420  
 cccatttgag ttctgattcc ccttgagct gggctctggg gcggccctgg gccagcatct 480  
 atccttggtg ggcatctgtc ctgagctggt cctggggcac catgcatagt tagtgttctt 540  
 tggtggccca ccagggtggg gctgtccaga gctgccaggt cttactccc caagttccag 600  
 gttcttagct gggggcttct tttggatctc tggcaaggct gaggacagat ctttgcagg 660

tggagctgga	caggaagtec	ttgtggcatg	tctggcccaa	agaactgtga	atggatttcc	720
tagttatctt	tccaagttgt	ttcaggaaac	tctccaaaat	gcaaaggctt	cagggaggct	780
ggggcctctg	tccttggaac	tgagttcccc	catccatgaa	gagggatgt	gtaaacaagg	840
gtccttcaca	gtgcatgggg	gggagggatc	cccagctcct	cacccccctg	gctctggccc	900
ttcaagtagt	tctctgggct	ggggagagga	gcttctccct	ggcgcgcagc	accttcaaga	960
agtaccaga	cccctcctt	tcagtagaat	gaggggtggg	ggactgggtc	ttcaggaatg	1020
ggagtctgaa	attgggagga	ctcaggcatc	agaggtggct	ggaggcttga	gctgagcttt	1080
ttccatggcg	gtgccatatg	ggagggagcg	tttgaagaat	ccaagcttgt	agaggatgta	1140
gatgagtaga	cctaggagca	ggaggccaaa	caggatggct	caggatgatg	atccccagtg	1200
ggacgccata	gctgccttct	cgccttggtc	ccattgcaca	gctgtggccc	accttgacgc	1260
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cagcctgaaa	cactcagcct	ccgggcattt	caggatctga	ggtcccagag	aagcagagct	1500
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cccgtcccca	ttgacgtctg	tggcggccac	tgcatagcca	aagtaggagg	ccatctgttc	3240
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accaacagcc	acagagtatc	ctaggtagct	gtcatcatag	atggaactgg	cctggcgagt	3420
ctgcagctgc	ccctgaacca	ggttgatcag	gtactcgggg	taataagatt	ctgcaatctg	3480
ctcctgagtg	gcagacagga	tctggccttg	ccagaaatag	cttccctggc	cacctaaaac	3540
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cagtggagcg	catgccaa	tggaggagcc	atgggctcga	actgttgccc	cgaaccactg	3780
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gaccctgggt	ggcggcggca	cgagcagcaa	cagcagcggc	acgagcgggg	gtcggcgccg	4140
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<210> 3606  
 <211> 2353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2354)...(697)  
 <223> similar to gi602288 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3606						
tttttttttt	ttgggagaag	tgggggcctt	tattaaggct	tggcagatgt	ggtggagggtg	60
gaagtacaaa	cccaggcctg	ggcctaggaa	agggcagaag	aaaggcaaag	ggtccccttg	120
agcaggaacc	catccctctc	tgcttatacc	cagcaccctc	catcccaggt	tcctttcttc	180
aacctccg	tgctctg	aacacagagc	accaagaact	gacaaaccgg	gaccctccag	240
ggccacagcg	tggggcagag	tccaggcttc	tgtctccccg	cagtgggaga	tctggggagc	300
tcagtgaacc	tcctcacctc	cccttgccag	tatgaaagt	tgggaagcgc	ctttcttgt	360
cccccagaac	agaacaaact	ctttgttctc	tgtggtttgg	gggaaaaagt	gtggggggct	420
tggacctagg	aagaagctga	gctgaattcc	tccaggggccc	cagggtgaaac	cccccagggg	480
agtttctgag	actctagact	tgccatttct	ccacttttcc	ttcccaatga	ctccggtgag	540
cagctcagag	tctgggctag	ggcaactggg	aggacagtgg	ggatctgccc	cagagacatc	600
tgtgggtttc	agatgaaggt	ttccccaaca	ccagattcat	ttatatgtac	acagggcagc	660
acccacctgc	ggcaggggga	acagccgctg	ggggctagta	agagtagcca	cccttggggc	720
caaatggctg	ggcggggcca	gccagctctg	ggaggtaggc	ggggctctca	tccaagtggg	780
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ggctcagctt	gtcgtaattc	atggctggcc	ggttcttctg	gatgccccag	agcctggcga	1020
cctcctcagg	ctcaatgagc	ttgaactcca	ttccccggcc	cgtccaggca	atgaaatggg	1080
catttggttg	gtcatccagc	aaggccacca	gaaattgcca	cagctgcagg	gcaccccggc	1140
gctggtaggg	cggccctctc	cgaaatgcac	cgaccccttc	ctgcttgatg	tctccttcaa	1200
atttctcagg	gacaacgcag	acatcatctg	ggaatggctg	cagaggtttc	tcatagccat	1260
agcccatggc	cccgctcacct	ggagagggcc	cagagaagcc	ctctgtgtgg	aggtacattg	1320
atgcgcaccc	ggtgacatct	gagtcgtagg	cgaagtccgt	ctgttctctg	ttgatcacca	1380
cccccgcccc	tgggtacctg	tgcccattga	ccccaccctg	gtccacggct	ggctggcccc	1440
cctgttcata	caggggatca	tgggtattct	gcttaaagct	ctgctgggga	taggggtggc	1500
agggctccga	cagctggtgt	tggtaggggg	cctgggaggg	gttcccggcc	ccctccctga	1560
gatgtgaagg	agtggcaaat	gtccaggggc	tgctgggaaga	cggagctatg	ttccccgagg	1620
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ggggagtggc	ggcttctctg	tgcaggacag	ggccgggtct	gtgcggggac	tctggggctc	1860
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aaactgctca	tactgtctg	gtacctgagc	ttcagcgagc	cacgtctcct	ggaagtgact	1980
tagatcctgg	aagagatctt	cagagtcgag	gggcggcagg	gagccccggg	ccatgagctt	2040
ccccagcggg	ccgatcagcg	cttcgcgcaa	gtctcccatt	tccgggcgat	ttgctgctga	2100

aggtgtaggg	cacttgctgg	tccaagtatc	cggttttcat	cctccgctcc	atccggccgc	2160
tccctcgcg	cgcacggccg	gggcccacg	cgggggccga	gacctgaggc	cggggcgtct	2220
gggctggagc	cgcggggggt	accgagcatg	ccctggagcc	cgcaccgagg	gccgcggggc	2280
taggccggag	taaggcggcc	ccggcccccg	gtccccagcg	caccgaactg	tttttcgggc	2340
gcagcagaca	gtt					2353

<210> 3607  
 <211> 2658  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1981)  
 <223> similar to gi3201589 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3607						
atggaccg	gcacgtccc	tctggtgtt	gccctgctgc	tggccagctg	cagcctcagc	60
cccacaagt	ttgcagaaac	agtccattgt	gacctttcag	cctgtggggc	ccgagagggg	120
cgaggtgaca	tataccacta	tgccaggctc	cgaagggtcg	cgtgggtcag	gccccctgaat	180
gccatcctgg	aagtccatgt	cctcttcctg	gagttcccaa	cgggcccgtc	acagctggag	240
ctgactctcc	aggcatccaa	gcaaaatggc	acctggcccc	gagaggtgct	tctggctctc	300
agtgtaaaca	gcagtgtctt	cctgcatctc	caggccctgg	gaatccact	gcacttggcc	360
tacaattcca	gcctggtcac	cttccaagag	cccccgggg	tcaacaccac	agagctgcca	420
tccttcccca	agaccagat	ccttgagtgg	gcagctgaga	ggggcccat	cacctctgct	480
gctgagctga	atgaccccca	gagcatcctc	ctcctgactg	ggccaagccc	aggggtcact	540
gtccttctgc	atgctggaag	ccagccaggg	acatgggccc	cacgctcgag	tggcgcgcg	600
tacttccagc	ctttggtccg	gggctgccac	ttggaaggcg	tggccggcca	caaggaggcg	660
cacatcctga	gggtcctgcc	gggccactcg	gccgggcccc	ggacggtgac	ggtgaagggtg	720
gaactgagct	gcgcacccgg	ggatctcgat	gccgtcctca	tcctgcaggg	tccccctac	780
gtgtcctggc	tcacgcagcg	caaccacaac	atgcagatct	ggaccactgg	agaatactcc	840
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ctcctggggg	aggcccggat	gctcaatgcc	agcattgtgg	catccttcgt	ggagctaccg	960
ctggccagca	ttgtctcact	tcatgcctcc	agctgcggtg	gtaggctgca	gacctcacc	1020
gcaccgatcc	agaccactcc	tcccaggac	acttgtagcc	cggagctgct	catgtccttg	1080
atccagacaa	agtgtgccga	cgacgccatg	accctggtac	taaagaaaga	gcttgttgcg	1140
catttgaaat	gcaccatcac	gggcctgacc	ttctgggacc	ccagctgtga	ggcagaggac	1200
aggggtgaca	agtttgtctt	gcgcagtgtc	tactccagct	gtggcatgca	ggtgtcagca	1260
agtatgatca	gcaatgaggc	ggtggtcaat	atcctgtcga	gctcatcacc	acagcggaaa	1320
aagggtgact	gcctcaacat	ggacagcctc	tctttccagc	tgggcctcta	cctcagccca	1380
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gtgtcccat	ccgtctccga	gttctgtctc	cagttagaca	gctgccacct	ggacttgggg	1500
cctgaggggag	gcaccgtgga	actcatccag	ggccggggcg	ccaagggcaa	ctgtgtgagc	1560
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tctcaagacc	aggaagtcca	taggactgtc	ttcatgcgct	tgaacatcat	cagccctgac	1740
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gccttcctca	tcggggccct	gctcactgct	gcactctggt	acatctactc	gcacacgcgt	1860
tccccagca	agcgggagcc	cgtggtggcg	gtggctgccc	cggcctcctc	ggagagcagc	1920

agcaccaacc	acagcatcgg	gagcaccacg	agcaccacct	gctccaccag	cagcatggca	1980
tagccccggc	cccccgct	cgcccagcag	gagagactga	gcagccgcca	gctgggagca	2040
ctggtgtgaa	ctcaccctgg	gagccagtcc	tccactcgac	ccagaatgga	gcctgctctc	2100
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gggagcctag	ctcctgccac	atggagcccc	ctctgccggg	cgggcagcca	gcagaggggg	2580
agtagccaag	ctgcttgtcc	tgggcctgcc	cctgtgtatt	caccaccaat	aaatcagacc	2640
atgaaaccaa	aaaaaaaa					2658

<210> 3608

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(844)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (71)...(489)

<223> similar to gi2088669 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3608

gaatccttat	tatattccac	attctaagtt	aagtgcctta	catggaatat	ctcatttaac	60
ccacaggata	atcaagggcg	ggggacttct	caagtacagc	aaccttcttg	tgcgggactt	120
caggcccaca	gaccaggaag	aaatcaaaac	tctagagcgc	tacatgtgct	ccaggttctt	180
catcgacttc	cgggacatcc	ttgaacagca	gaggaagttg	gagacttacc	ttcaaaacca	240
cttcgctgaa	gaagagagaa	gcaagtacga	ctacctcatg	atccttcgca	gggtggtgaa	300
cgagagcacc	gtgtgtctca	tggggcatga	acgcaggcag	actctgaacc	tcctctccct	360
cctggccttg	cgtgtgctgg	cggaacaaaa	catcatcccc	agtgccacca	acgtcacctg	420
ttactaccag	ccggccccct	acgtcagtga	tggcaacttc	agcaactact	acgttgccca	480
tcctccagtc	acctacagcc	agccttacc	tacctggctg	ccctgtaact	aaccttgaga	540
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cttctagatg	taggcatttg	gcttttaaa	gggaactcag	ctctgattct	gcnnnnnnnn	660
nnnnnnnnct	ttggggcccc	catggaaagg	ggtcaacggg	gaatcaggac	ccacccttaa	720
agggccccgt	tttacaggcc	cttgtggaaa	acccctccgg	gaggcggggc	ctatccactt	780
ttttccaaaa	taaacactac	cttgtttggc	cccaaactta	agcagggggg	ggtggggcct	840
tgg						843

<210> 3609  
 <211> 3965  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3966)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (3)...(3504)  
 <223> similar to gi5689573 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3609

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gtccggccgc	ttcattgtca	ccgggcctcg	gggcagtgtt	gggggtggcg	gggcgccagg	120
tcgcccagcc	gaggtttcgg	cgcgactggt	tccgcattccc	ctccccgccg	gccgaatctg	180
caggccccgc	gcgcccaggca	ggcttcgcgg	ctgcgcccc	ggcccgcgca	ggacctgcct	240
tgtccacat	gaaaggcacc	cgggccatcg	gcagcgcccc	ggagcgcagc	ccagcaggtg	300
tggacctgag	tctgacaggt	ctccctccgc	ctgtgtcccc	gcgtcctggc	agtgccgcca	360
ccaccaagcc	catcgtccgc	tctgtctccg	tggtcacagg	cagcgagcag	aagaggaagg	420
tgctggaggc	cacagggcct	gggggctccc	aggccatcaa	caaccttaga	agatccaaca	480
gcaccacgca	ggtcagccag	cctcggagcg	gctccccag	gccaacggag	cccacagact	540
tctgatgct	cttcgagggc	agccccagtg	ggaaaaagag	gcctgccagc	ctgagcacag	600
ccccacgca	gaagggagcc	acctggaacg	tcttgatga	ccagccccgg	ggcttcacct	660
tgccatcaa	tgcccggagt	tccagtcccc	ttgactcacc	agcgggcccc	cggaggaaaag	720
aatgcaccgt	ggccttgccc	cccaacttca	ctgctaacaa	caggagcaac	aagggagcag	780
tgggcaactg	cgtcaccacc	atggtgcaca	accgctacac	cccctcggag	agggcgcttc	840
cgctcaagag	ctccaaccag	actgccccct	ccctcaacaa	catcatcaag	gcagccacct	900
gtgagggcag	tgagagcagc	ggctttggga	agctgccgaa	gaatgtctcc	agtgccaccc	960
actcagcccc	gaacaatact	gggggcagca	cgggcttgcc	caggcggaag	gaggtgacgg	1020
aggaggaggc	tgagagggtt	atccaccagg	tgaaccaggc	cgctgtcacc	atccagcgct	1080
ggtaccggca	ccaggtgcag	cggcgcggag	caggagctgc	ccgcctggag	cacttgcttc	1140
aggccaagcg	ggaggagcag	cggcagcggg	caggcgaggg	gacctcttg	gacctgcacc	1200
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cagccattca	ggagctgcaa	cagaaacgag	ccctgagagc	ccagaaggcg	agcactgccg	1320
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cagaaccaca	gcagcctcca	gaggacagga	cgcaggacgt	tacttgccca	ggatgcagct	1560
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cctgaggatg	ggacgctgct	atcggaggcc	aagctacaaa	gcatcatgag	cttcttgagc	1860
gagatggaga	agtctgggca	ggaccagctg	gactcccagc	aggaggggtg	ggtgccggag	1920
gcggggcccg	ggccccctgga	gctggggctc	gaggtgagca	cgtctgtgat	gcggctgaag	1980
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cgagacctca	cggccccggcg	ggtcaaggag	acagagaagg	cactgagccg	gcagctgcaa	2100
cggcagaagg	aggccctacg	aggccaccat	ccagcggcac	ttggccttca	ttgaccagct	2160



gattgaggac	aagaaggtcc	tgagtgaaaa	gtgcgaggct	gtggtggccg	agctgaagca	2220
ggaggaccag	agatgcaccg	agcgtgtggc	ccaggcacag	gcgcagcacg	agctggagat	2280
taaaaaactc	aaagaattaa	tgagcgccac	cgagaaagcc	cgccgggaga	agtggatcag	2340
tgagaaaacc	aagaagatca	aggaggtcac	tgtccgaggt	ctggagcccg	agatccagaa	2400
gctgattgca	aggcacaagc	aggaagtgcg	gaggctcaag	agcctgcacg	aggcggagct	2460
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tgggaaaaan	gnnnnnnnnn	nngnnnnaan	nangnntnct	tnntgagata	tttttttgtc	3900
ttgcctacac	gggtgggggt	ttgattttag	ttaaaaccat	tgggggggtt	ggaaaatact	3960
caaag						3965

<210> 3610

<211> 1539

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(683)

<223> similar to gi971251 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3610

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gagccattga	ccatcgtctc	tgaggatgga	gactgggtgga	cggtgctgtc	tgaagtctca	180
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gccttcctca	tccgggagag	ccagaccagg	agaggctctt	actctctgtc	agtccgcctc	360

agccgcctg	catcctggga	ccggatcaga	cactacagga	tccactgcct	tgacaatggc	420
tggtgtgata	tctcaccg	cctcaccttc	cctcactcc	agggcctggg	ggaccattac	480
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ctgggggggtc	tgacctagtt	agttcttgag	tttgggggtt	ccagtacat	ctggatgccc	1020
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acaacccta	gagtcaacga	gaaagtcatt	ttcagaaaat	ctacaagtct	cgttgagacc	1140
accaccatac	ctcagaaggt	aggactgtgg	cctagaaggg	aaaggaaagc	tgagatgatg	1200
tcttaccgta	gcagcagatc	ttggatggtc	caggctctat	gtgacctcca	gagcaaagag	1260
aaagacttcg	gacagtctag	gtcctcaaat	gtccccatt	gaggacaaca	gccccagctc	1320
tttttctttt	ttttgagacg	gagtcttgcc	ctgttgccca	tgctggagtg	caatggcacg	1380
atctcagctc	actgcaacct	ccatctcctg	gattcaaaaa	attctcctgc	ctcagcctcc	1440
agaatagctg	ggattacagg	cgtacaccac	catgcctggc	taattttttt	gtattttttg	1500
tagacatggg	gtttcaccac	attggccagg	ctggtgtcgc			1539

<210> 3611

<211> 2972

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2973)...(1101)

<223> similar to gi4835895 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3611

ctctgtgtaa	gtttctgac	aaaaggcaaa	gagaggcatt	gctcacattt	tctatgtata	60
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tgaataccag	aaatattgaa	ttaaatgtca	aactcagctc	gatttgcttt	aaacaagtga	180
taccatatac	tatcttttaga	aatttcaaga	aaacatgaac	ttatcttgac	cattttccag	240
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acaactaaaa	aatataatag	aaatataaag	atatctaggg	gaagaaataa	agcttttcac	420
tttctccatc	agaaccaagg	ttcttcatgg	gagtaagact	atagaaaagg	caaaatcaca	480
ggttactgac	agccctcagt	tattaagaga	cacatgacaa	catgaatcat	tatagaaatc	540
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ttgactgtag	gcctgaaaaa	agaacctcat	ccagatattt	ggtgcacaga	aagcacatgc	660
cccatgtgca	ttcaactttt	gtgcttttct	tttgtgcaca	aaacctgata	caacagagga	720
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atatagccat	atacatgtaa	ttttacatgt	atztatagtt	atatgctgag	caaggagatc	900
tagcaagaga	tagctagtgt	tagatgttca	gctttgctat	tgcaatattt	tgtcattttt	960
gtacacaagg	ccaaggctct	gggccacaga	caaggctata	gatcctacgt	tccagcttag	1020

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cagtcactgt	taataactaga	acaaaatagg	ctttcctgca	gttttttctt	ggacgtaaga	1140
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tgggtgcccc	tcctccaggg	ttcacattag	ctacatatgt	aatcttgcat	agaatgttgt	1260
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gcattatttt	tcaaaactac	ccaacgatcc	tgccacccat	gaatgtagtt	tgtccactta	2880
ctgaggaccc	cgcagcgctc	cacaggcggc	ccagactccg	tctctggatc	ctcctccgag	2940
cccgcagagt	tccagctctg	attatccgac	at			2972

<210> 3612

<211> 2408

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2409)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2410)...(784)

<223> similar to gi5305448 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3612

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tttttttttt ttcgagataa accttttttat ttatttatgc ttctccattt tgttttaaaac 60
aacaacaaca accaccttaa tgtaactgac agcccttccc cctcaccctg cctcgggctg 120
ggggtagtta atggggaaat ggcccccagg gtggggctga ccagaagagc ccctcaagga 180
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ctcccagacc tctgcttgta ccatcaaaga tgcccctggc caacaagggt caggaagcat 300
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gggtttaaaa aggggtggagc ggggtggggtt ggctcacacg aaggagtact ggttggttaa 420
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caccaattgg gggcaccccc gcgtccccac caggaccag gcgcccttg gcctcttgag 540
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caagcagcag gtcctggctg ggtagactct ccgagtatt caggcaggac agctccaggc 1620
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ccaggggccc agcggaggag ggaggggtcaa cggcccccg ccactgcagg atgccacgga 2340
ctgagcctcg gacagagcga cccactgaac gcagggaaaa gcgcttcttg agcttcggct 2400
tggaggag 2408
```

<210> 3613

<211> 2204

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1803)...(980)

<223> similar to gi4218005 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3613
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tttaaaacgg cccccctttt tttttttttt tctttaacaa aattttttatt taataaatgg      180
ttaaaatcgc agtgccaaaa atacattgac atttagcaat ttcactgaaa ggaagaaact      240
acagaatgca cggtttcaga aagctatttt aagttattta caaataaagt atctaaaact      300
caaaaacagg ctctgtatgc tatatctagt ttatcccttc ccgaacaaaa tttctgttat      360
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tccagagact gaaaccgttt ctatccggtc agtggcaaaa ctggtgaaag ggcaatagtt      480
gaagctgttg ggttttatat agtgtgaact ctgataaata ttcctaccag gactaaaaca      540
cagcacgctt tgcgggcatg gctgactcac aaaggttgta acaacaaga actactcttc      600
actcgacacc atggctcaga ggccaccgag aagcacgagt gactgacagc tcctctgctt      660
acaaacgaat gaaacccaaa gtggatgtcg ttctcacagc actgaaagtg cttcaggact      720
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ccttctgcct tgcagatcct cctgtttccg ccacactctc gcgctcggaa gcgagctcct     1140
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```

<210> 3614

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (777)...(278)

<223> similar to gi5019453 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3614
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cagatcacaa agcgggtctc cctgtgctgc ttccttctgt gttttctagt ctctcccca      120
ggggtgcc agggccctca ggaactgagt gtgggcaaga cactgctggg ccagagggca      180
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ccagcaggag cccctggca tgagctctcc cctcaggggt cctgagcaac gtccctgcca      300
gggctggtgg gtggcagcgg gggggcagac acctcgctga ggtcctgcag cagagcttgc      360
agccgctgca ggctgggggt caggttttcc tccagccact cctccacggc atccgggtag      420
aaagccagct gcagggcagc ctccagctcc tgcacgaggg tgcctcactg tgccaggagg      480
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ggaggggaag aaggggacag ggagggtgc aggggtgctt cctaacaggg tccgtttttt      780
ccaggtctga aatcccga aggttctcca ctttcgcttt aac      823

```

<210> 3615

<211> 4033

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1370)

<223> similar to gil945155 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3615
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cgcagaaaaa gggacagtgg tcacgtgagc cctggcacct tctttgacaa gtactcggcg      300
gctccggaca gcggggggcg acctgggggt agcccagggc agcagcaagc gtcaggcgca      360
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tgcgccgtcg gggcctcagg ggcgcagaat ggcgacagcg agctgggcag ctgctgtctc      1020
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gaaaaaaaaa	aaa					4033

<210> 3616

<211> 1203

<212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(211)

<223> similar to gi4680669 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3616

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tgaactggct	gggcttcgcc	ctctgcctct	cggaatatc	cctccacgtt	gccctcaaag	180
ccctgcattc	cagaggtaac	ccagagtcce	ttccagaagc	ctctgttttc	tggtcttctc	240
cctgtgactc	ttagtgattc	tgatgcagga	agtgtgccc	gtggctctgc	tgccgtcact	300
cctctaggaa	gatgtggggg	tcatctccag	agtgggtggg	tggggcctgg	gtgactcagc	360
acacatgcaa	atcagagcaa	accaagaaaa	ccacgactgg	gcctgtaact	gtggtctctc	420
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gctcctgtta	gaacaccagt	cccctcccca	ggggggcccc	actgcacctg	ctggcaggaa	1200
ata						1203

<210> 3617

<211> 4826

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4827)...(2413)

<223> similar to gi5689489 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3617

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aaaacaagtt	acatatggat	gatggagtct	acccgcacaa	acatccctaa	aactcattgg	180



ttctcatctt	tgcaggggga	gggagagaaa	gcaaaaaata	gcagaaaccc	ccaactcttg	240
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<210> 3618

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (58)...(464)

<223> similar to gil237278 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3618

ctgatcggac	atggtacatt	cttgagagcc	actaacaata	tggaaacagga	tcacacatct	60
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gcggaaaggc	cttcaggcac	acctccagcc	tctgcatgca	tcaaagagtc	cacacaggag	180
agaaacccta	taaatgttat	gagtgtggga	aggcgttcag	tcagagtctg	agcctctgca	240
tccaccagag	agtccacact	ggagagaaac	cctatagatg	ttgtggatgt	gggaaggcct	300
tcagtcatag	ttcgagcctg	tgcattccacc	agagagtcca	cacaggagag	aaacctttca	360
aatgtgatga	gtgcggaaaag	gccttcagtc	agagtacgag	cctctgcatc	caccagagag	420
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cacgatgcct	ccatagtgtga	aagactacac	aaaagccac	aatcattgcc	cggcctcctg	780
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<210> 3619  
 <211> 4364  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(1682)  
 <223> similar to gi3327120 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3619

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cccgaccat	gcggctgggc	agtcctggac	tgctcttcc	gctcttcagc	agccttcgag	180
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<210> 3620

<211> 541

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (104)...(335)

<223> similar to gi3219340 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3620

tttcgtgcga	ggccccgggca	gcatcggcgg	cgtggtcaga	gagagtctcg	gagaagatgt	60
ggtaggcttc	gtttgttggt	ggaggagggtg	gcaggcctcg	gcgggtaacc	cagagaacac	120
agccgaagtg	gaatgtgggg	acgtctgcga	caccggggac	agagcaactg	tggatgaaga	180

gggctacatc	tggttcctgg	ggaggagtca	tgacactatc	aatgcctctg	ggtggtgaag	240
gcattgattg	tcctgacccc	acagtttctg	tcccatgaca	aggaccagct	gactaaggag	300
ctgcagcagc	atgtaaaagtc	agtgcagacc	ccatgtattg	ggtgttagga	atccataata	360
cagtgaaccc	ataattgact	gcaagcatca	ctttcaaagc	atcatttcag	gatgagaatt	420
taagtgccaa	gtgaattcaa	ggaacagtgc	aaaggatcca	tggcctcagt	caccatgaag	480
accctcccaa	gagccagccc	tactgggaac	atataaatga	gtggagacct	ggaatacgaa	540
a						541

<210> 3621

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (287)...(771)

<223> similar to gi897849 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3621

tttcgtagca	aacagggtttc	acgaccactg	ctctctggag	tcttattcct	cagagtatga	60
gcccttgacc	aaggagcatg	gaatgcatca	cctatgtttg	aacaagggcg	ccagatgacc	120
tctgcggacc	cagggtttgg	gaagtgtgta	tgtggagcca	caggacttgt	tttagggcgt	180
gtggggcgctg	tgtgtgagtg	ggcttctgca	ggtgggcagc	cagcgggcac	aggcgtggag	240
agcatgggtca	cccattggaga	caccgctcac	ggggactttc	ctttggcccc	acatcccgca	300
gggtctcttc	ttcgatgatt	cctatggctt	ctaccaggc	caggtgtctca	ttggccctgc	360
caagatcttc	tccagcgtcc	agtggctgtc	aggtgtcaag	cccgtgtctca	gcaccaagag	420
caagttccga	gtggtggtgg	aagaggtgca	ggttgtagag	ttgaaagtta	catggattac	480
caagagtttc	tgtccagggg	gcacggacag	cgtcagcccc	ccacgtctgt	catcaccag	540
gaaaacctag	gcagggtgaa	gcgtctcgga	tgctttgacc	atgctcagcg	gcagcttggg	600
gagcgtgtgc	tgtatgtctt	cccagccaag	gtagagccag	ccaagattgc	ctgggaatgt	660
ccagaaaaaa	actgcgcccc	gggggagggc	tctatggcca	agaaggtgaa	gcgcctgttg	720
aagaagcagg	ttgtgcggat	catgtcatgc	tccccagaca	cccagtgttc	ccgggaccat	780
tccatggaag	accagac					798

<210> 3622

<211> 1708

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1709)...(510)

<223> similar to gi434779 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3622

ttaaaagtca	cactagataa	gacatcttta	ttacttaate	tttaaaacag	gtcactgtgc	60
ctattcaatt	ctgaaactgt	ttgttttctt	tccctcccc	gcactccgc	tctgatacac	120
aaacttggtg	taaaaataat	gcagaaacat	atacgtcaat	ctaagtctct	gaaatatggc	180
caactctacc	tgcgcgtata	tccaacatta	aaaagaaaaa	aaaaggctgt	ttaagaatag	240
aactcattcc	cggtttccac	caaattattt	ccctaattct	taaatcctca	aataagttct	300
taatctccaa	agtctcgggt	gtgggaaaaa	cattaatttg	tgcagtccaa	cacttacata	360
ctttcttgac	ggaagggcaa	tctgtccct	ttaaactcaa	tgaaggcagc	ggccaggtec	420
ttctgagtcc	ccgtataatt	gcctagaact	taacatttag	tattcatagt	ccttggttta	480
cagacgggtc	cgacagttag	aaactattac	ttcctcctct	ttcctcctgg	gcgctgtcct	540
ccttttctct	tgccacccaa	gccaggcggc	ccagaattca	tcttgccctc	caagccccc	600
ttcctcttcc	ctccctggct	gggcggggcc	cctttcctct	tgcccccagg	cccctgcggg	660
cctccctttc	tcttgccctt	ctggctcatt	ttcctcctct	tggcggcctc	ctcctgggtc	720
tctccctca	tctgcttatt	ggtggcccta	gtcacatcca	gcttgaggct	tcttgctggt	780
catgacacga	agcagctcca	actggttctt	tttctcggct	gcaaagtccc	cgaaaagggg	840
ttgaaacttc	cttttcttgc	cggagccccc	gggcaccttc	tccttgggga	ggcgctcctg	900
aaagcgcccc	acagaggcgg	tggagacctt	ggccacttgc	atggcgcggc	ccagctcctc	960
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ggtcaaaactg	cagctccagc	tccttggtgca	ccgtgatgcg	ttgcaacttc	tctgcctcgt	1560
cctgctctgc	ctttgcgagc	agctcctcca	cgtcttgccc	ctccatggct	ccggctcggc	1620
tcactcgctt	tggggctgca	gctgaagtta	cttttcttac	agtggcggcc	caaactccgg	1680
cagcataacc	acgtgcagat	gccgggat				1708

<210> 3623

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (16)...(500)

<223> similar to gi506664 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3623

aaccggatgc	tgtagctcac	ggacaccccc	cccccaaga	cacatatgat	ccaccattcc	60
atctctgact	ataaggccac	cctgagggtc	tgggccctgg	gcttctaccc	tatggagatc	120
acactgacct	ggcagcagga	tgaagaggac	cagactcggg	acatggagct	tgtagagacc	180
aggcctgcag	gggatggaac	cttcacagaag	tgggcagctg	tgggtgtgcc	ttctggagag	240

gaacagatac	atgtgccatg	tgcagcatga	gggggtgccc	gagccccctca	ccttgagatg	300
ggagcagtct	tctcagccca	ccatccccat	cgtgggtatc	gttgctggcc	tggttctcct	360
tggagctgta	gtcactggag	ctgtggtttc	tgctgtgatg	tgcaggaaga	agaactcaga	420
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cctgtgttcc	tgtaggcata	atatgaggag	gtggggagac	caaccacccc	ccatgtccac	660
catgaccctc	ttccctcatg	ctgacctgtg	ttccctctcc	aataattaat	cattcctgct	720
ccatagacgt	gaggctgaga	tgtctccatc	tctgtctcaa	ctttatgtgc	actgagctgt	780
aacttcttac	ttccctatta	aaattagaat	ctgagtataa	aaaaaaaa		828

<210> 3624

<211> 4530

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (7)...(2018)

<223> similar to gi307121 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3624

tttctgtgaca	gtagccctctg	ctcggccttc	gagttccact	gcctaagtgg	cgagtgcatac	60
cactccagct	ggcgctgtga	tgggtggcccc	gactgcaagg	acaaatctga	cgaggaaaac	120
tgcgctgtgg	ccacctgtcg	ccctgacgaa	ttccagtgtc	ctgatggaaa	ctgcatccat	180
ggcagccggc	agtgtgaccg	ggaatatgac	tgcaaggaca	tgagcgatga	agttggctgc	240
gttaatgtga	cactctgcga	gggacccaac	aagttcaagt	gtcacagcgg	cgaatgcatac	300
accctggaca	aagtctgcaa	catggctaga	gactgccggg	actggtcaga	tgaacccatc	360
aaagagtgcg	ggaccaacga	atgcttggac	aacaacggcg	gctgttccca	cgtctgcaat	420
gaccttaaga	tcggctacga	gtgcctgtgc	cccgcaggct	tccagctggt	ggcccagcga	480
agatgcgaag	atatcgatga	gtgtcaggat	cccgcacacct	gcagccagct	ctgcgtgaac	540
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gccaggcatg	gcgaggctga	ggtgggagga	tggtttgagc	tcaggcattt	gaggctgtcg	3540
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aaaaatgaat	ttggccagac	acagggtgct	cacgcctgta	atcccagcac	tttgggaggc	3660
tgagctggat	cacttgagtt	caggagttgg	agaccaggcc	tgagcaacaa	agcgagatcc	3720
catctctaca	aaaaccaaaa	agttaaaaat	cagctgggta	cggtggcacg	tgctgtgat	3780
cccagctact	tgggaggctg	aggcaggagg	atcgccctgag	cccaggagg	ggaggttgca	3840
gtgagccatg	atcgagccac	tgcaactccag	cctgggcaac	agatgaagac	cctatttcag	3900
aaatacaact	ataaaaaaat	aaataaatcc	tccagtctgg	atcgtttgac	gggacttcag	3960
gttctttctg	aaatcgccgt	gttactgttg	cactgatgtc	cggagagaca	gtgacagcct	4020
ccgtcagact	cccgcgtgaa	gatgtcacia	gggattggca	attgtcccca	gggacaaaac	4080
actgtgtccc	cccagtgca	gggaaccgtg	ataagccttt	ctggtttcgg	agcacgtaaa	4140
tgcgctccctg	tacagatagt	ggggattttt	tgttatgttt	gcactttgta	tattggttga	4200
aactgttatc	acttatatat	atatatatat	atacacacat	atatataaaa	tctattttatt	4260
tttgcaaaacc	ctggttgctg	tattttgttca	gtgactattc	tcggggccct	gtgtaggggg	4320
ttattgcctc	tgaaatgcct	cttcttttatg	tacaaagatt	atttgcacga	actggactgt	4380
gtgcaacgct	ttttgggaga	atgatgtccc	cgttgatgtg	atgagtggct	tctgggagat	4440
gggtgtcact	ttttaaacca	ctgtatagaa	ggtttttgta	gcctgaatgt	cttactgtga	4500
tcaattaaat	ttcttaaatg	aaccaaaaaa				4530

<210> 3625

<211> 2343

<212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2344)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2090)...(1160)

<223> similar to gi3820985 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3625

tttttttttt	ttatgtggat	aatattttatt	tgtatcttat	ctatagaaca	aatattttaca	60
gatacaaacg	gaatcacagc	aaagttgcta	taaaaccatc	cagacctctc	gatggccact	120
tctgaaaaca	tccacgggtga	agggcagggc	caggcctggc	tgtggagtgg	gccagctgag	180
tacctgggcg	tcagccaagg	gaaatggttg	gggattatgg	cttcagcaact	ctgccggagc	240
acattcctga	gcgctgacaa	cgtggagccc	tcaccgcccc	cacctacccc	aacctcaatg	300
gggaaggaaa	ggggcctgag	ctgggcaggg	ctggccgggc	tcactatgtg	cctgctccag	360
gagtccttgg	ccccgtgct	ggcaggagca	tccctgagct	ggaccgggag	gcctctcttg	420
cctggggctg	ctccctgccc	ggcaggctgc	tgtttggcag	ctggaggtgg	caagagctgc	480
tggtgctgcc	agggcgtggt	ggccaggaat	gagctcccag	ggcagccctg	aggaaagggg	540
cttaggaagc	gcctcccagc	tcactactag	gagctgggga	ctgtcagtgc	tgagtggggc	600
tggggtacag	gagcacctgc	ctctcctttc	tttggttag	aagtggggaa	ggaagggcca	660
ggaaaaggga	ccaaagccgc	cccagccttg	gcccctaggc	cgcttgggga	ctgtgtgtgt	720
gctgaggggg	cagtgggagg	tgggcagctc	tggagttccc	tgcaccttgg	gacccctggg	780
ctgctctcac	tcccggggtc	ccagcagggc	aaggcctctg	cttgggacca	gtgctgctct	840
tcctcgctgc	ttactccagg	aggtgaaggt	gacagggcgg	caaggagagg	taaccacagc	900
atggctgggg	acaggcgcta	caactgggcc	cggaccacag	acagggatca	cagtgtcggt	960
ctcgcgacac	cacctctggc	cacatgtgca	caccacatac	atccacacgc	acctccctcc	1020
tgtctggcgg	gaggctcatt	ctctctcgca	gccactcgcc	ctctctgcct	ctcacatatg	1080
cggtcacaga	gtgaatccga	gcattcttatt	gctgcagggg	gcagggggcg	cggtcatcagg	1140
gaaagttaat	ccacgaagag	cgagaacagc	accattacca	cgatgcccg	acagagcaga	1200
agcagctgct	gcagggagcg	ccacgggtcc	tcttcttcca	agaggtcagg	gagcacgttc	1260
accaaggcga	tgtagagaaa	gccgccagag	gtgaagggca	ggaccagggc	tgccgtctcc	1320
tctactccct	tgggggactg	ggtacagatg	gcgaagccag	cgcccagtag	gccccccagc	1380
gctgttgaga	gttgagctt	ggctgcgctc	catcggtcaa	agccggcccc	gagcaggatg	1440
gcaaagtgcg	ccacctcatg	gggatctca	tgcaggagga	tggccatggt	tgtcaggagc	1500
ccgatcttct	tgtcacaaag	gaagctggca	gccacagcca	gcccgtgggt	gaagttatcg	1560
atgggtgttg	ccagcaggtt	gaggtagccg	ctgactttga	tgtccgggac	cacggcaccg	1620
aggccgggct	ctgcagccgg	ctggggccaga	cagtggcctc	cattgagcgc	ggcggcagca	1680
gcagtggggg	ctttgttggg	ggcctggctg	gtccccctct	ccttgctgtc	caggaacatc	1740
ttctccaacg	ccaggaaggt	caggatgccca	gcaatgaccc	acagccccag	ctgttgctgc	1800
tgctgcaggc	tctgccccct	accaccaggg	ctggcgctgc	acgtgtaggc	ccaggcttcg	1860
ggcagcagat	gcagaaacac	attgcccacg	agtcccccca	gggcgaagct	gagcagctgc	1920
ttcaggcgcc	aggccccagc	ttctgagcgc	agcatggtcc	ccatctctag	gggaatgaca	1980
agcaacggga	agacccccact	gagccccacc	atgaggggaa	ccaggaggga	gcagatccag	2040
gtgtccagcc	gctctccgct	cagcagagcc	ccccaggact	cgttttctct	gttgtccagg	2100
cgacaggccg	tcgagctccc	ccggctccgg	agggccggct	gggaaccccc	agcccttccc	2160
aagagctcca	gggcaagggc	agtgaggaag	aggagccttg	ggcccggccat	gccacagcca	2220
gggcagggac	atccaggcat	gccacgtacg	tgcggcggcg	gcggcggcga	tccgggcggc	2280
cccagcccgg	gaattcggtg	ncggtcgtcg	tgcgtacggc	ttcaatnacc	aaannngggc	2340
acg						2343

<210> 3626  
 <211> 1325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (249)...(465)  
 <223> similar to gi2564001 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3626

gggaaagtga	gtgctggcca	ggctggggcg	gacagaacac	ttcgacgggc	tccggagccc	60
agattcagcc	aggaaccac	aggcaactcg	gcctaccccc	agctgaggcc	ctttttggac	120
ccgcagggga	gagatcttaa	acccagcgct	ttggtcccac	ccaccgcctc	ccacactggg	180
aggagaccat	ggctccacac	acagcccctg	ccaggcccac	aggggcgggc	atgggggccc	240
acctgcctcc	tgcatgtgtg	gacagggtec	tggagagtga	ggagggccgc	agggagtacc	300
tggcgtttcc	caccagcaag	agctcgggcc	agaaggggcg	gaaggagctg	ctgaagggca	360
acggccggcg	catcgactac	atgctgcatg	cagaggaggg	gctgtgcccc	gactggaagg	420
ccgaggtgga	agaattcagt	tttatcacc	agctgtccgg	cctgacggac	cacctgccag	480
tagccatgcg	actgatggtg	tcttcggggg	aggaggaggc	atagaccgtc	cggagcagtg	540
gggcctctgc	cagcccttgc	agctgcagcc	catccctggg	ccatgtcccc	tccatcgagt	600
gcccgggtgct	tgggggagga	gggcagggac	agggagggag	ccacagtcag	tgcccgggaa	660
cctggaagct	gcgctgctct	gcgcctctgg	gcctcactgt	ggacagagga	gtcaggccccg	720
ccccaggagc	ctccagctgc	ctaaccagt	ccattctttc	acaacacgat	tttctacaaa	780
tctacagcac	aaccgagttt	gtaaccctgt	ggttagtatg	aggaccgggt	tcgtgtactc	840
tctgtatctc	ctcttaagct	tcgtccagg	ttctttattt	ttgtctgctg	ccaatgtcgt	900
ctcgcatgcc	tgcaccctcg	catgcacgct	gcccgcagtc	cacgtgccac	gctgtagcca	960
cagaccctt	gctcgggcct	cacccaaggc	caaactccaa	acacaatcag	aaccagccaa	1020
agaagcactt	cctgggcacg	gccaccagct	ctcccgcctc	cagtgtgggc	cggctcctgc	1080
agggccgag	ggctgcatct	ctaccagcca	gcccagggct	cttcccagg	tctcgcattc	1140
aagggcaatt	acattttaaa	aagaaaaaca	gaaaaaggtt	aatcacaaaa	ccaaccctca	1200
cttcacaggg	tctgtaagtc	actcatagaa	ctttgctctt	cccagacag	ggtcccttcc	1260
ccagctcagg	cacaacagag	tctggcaggc	tctggcaccc	tgggcctcct	ccgggagcct	1320
cccat						1325

<210> 3627  
 <211> 1458  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1424)...(490)  
 <223> similar to gi3881305 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 3627
tttttttttt ttcaggctta aataacaaaa tatatttcag atatgcacag ttttaactga      60
ggactacaca agccttcctc gggctgcagg cccgccgccc tcccagtgagg attcacagcc      120
cctgcggagt ttgtcctcac gcacaccaca cagatcgagg tataaaacac attctataaa      180
cacgttctga tgcaaaactgt gtgtccataa atatatattt atgcaagttc cteccaccca      240
ctgcagggcc gtacagctct ggggacagga ggtcacagcc gactttaaac cacagggttaa      300
gtagaagggt gcaggtcaaa tagaagttcc cgtgtgattg catcacccaa cggcactggt      360
ctgtcatcag gaaatgctga gtgcccgcgg tggccgggtg ggcgcgggag gtggtcagac      420
gctgctctgg agctggctat ctgtggcact gtcagggggt gaggactggc tgggcagaca      480
agtttccagg ccatctgaag actccgacag gggcttggtat aagaagcagg ctatggcaaa      540
gaagaggacg cccagcacct tgtacaggag ccccatgatg agtatgtagc ggctcatggc      600
cgaattcttg tacaccaagc aggagccctg ctggccacac tggtcctgcc acagcagaca      660
ggccttgctg atcacccagc cgaaggcgat gggccccggg atgcccccta gtattctaac      720
tacaatccac tggattccca gggcaaagga tctctgaggg tcacggacac atcgtagagt      780
tgccgttagt gcaggaatgc tgctgaggaa tgtaaagaaa attacaacga atatgaaaac      840
cagaaggagg ggctttctct gacaagttga agtgcatttc cctgcagtgg catggccaaa      900
accagaggaa agattctgag ggatacagct acagtctcgg tacacctggg aagcccaaca      960
atagctccga ttacaagggg aaggcacggg gggcccttcc cagggtccag gggaggacag     1020
gggcggtagg cagcggctcc actcaccttc tggccgtcca cattcgtctc cgtggctgca     1080
gggcaccctg cgtggcacag tgagaagtac atgaggccgt ccgagccgca cacagggtg      1140
tagtgctctg gctggcagct gcaggcagcg ttgcaggagg ccgttaggtt cagggtggcct     1200
tcgggcagga ggctcccgcc gtagctggct gtgacgcccg ccatgggcac actggggcag     1260
tgagtgaga agacgaggat gccagcagg ctgacaacgg tgcagaacag gcagaacttg     1320
atgaccgagg agccccggag cctgagcttg ttcacaaaga agccgccag gaagggtgag     1380
ccaccacccg ctggcaccac caggtaccca aacaagggtg cagcttctga ggcactcagg     1440
cgaattccac cacacgga                                     1458
```

<210> 3628

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (730)...(242)

<223> similar to gi755646 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 3628
tttttttttt ttcccagctc acacatcttt attggcctgg atgtgggggt gccaaaccag      60
ttggccctgt cctgtgtcag ccagctgtgg caatttcacc cttattcctt ggagaggcca     120
gctgcctgct ggaaggagtc agaagtcggt ggatgtcatt gaggccttgg aggccccagt     180
ctggcgaggag agaaatccac acctgtgcct ggagtctctc ttccctgacc ctctgaaccg     240
gcgcttaaaa tgctgtcccc cctggaacag ggaggccaca tccagcagtg cgtcctcaat     300
gtgctgcccc agcctgtggg aatccgtttt tgtgcttgat ttttgctgg agatgtggaa     360
```

ggtgatcatg	ccatccccca	tgaagatata	agaaacacca	taaccatggt	catcagcagg	420
cccgaatcca	ccgcctgagg	aaacatagtc	cgggtaattg	tggacgtcaa	acagatgcat	480
ttgctgaaca	gggatctggc	tggaggacag	ctgccactgc	tccgaatgga	cctgggtcag	540
gaagggcgac	tgcaggtgga	ggaatcggga	cacgatgtac	agcgcaaaca	ggtggcggtc	600
aactccctgc	ccgctcatgg	ctgccttcag	cagagcctgg	tgcttgctca	ctgccacgcg	660
gaacagggcg	aggcactgtg	ggtcctgcag	tccccaggga	ggtcacaggt	catggaaaga	720
caggaagtcg	acttagggct	gggcctgcgg	cacatctggc	ctcaactgag	tttgccacat	780
ccctgcaagg	tgggaatata	aacccatttt	tacagatggg	gaactgaggc	ttagagaggg	840
gaaatcattt	ggccagggtt	acacagccag	ggagagccag	gcgggttcct	aggtgtgtct	900
ggccccagag						910

<210> 3629

<211> 2127

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (70)...(1106)

<223> similar to gi2088669 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3629

gcagccccgg	caggcgggcg	ccccgaccgg	gaggccttat	cggccttccc	cggacggcac	60
ctgagtgggc	tgagctggcc	acaggtgaag	cgactggacg	ctcttctgag	cgagccgatt	120
cccattcacg	ggcgcgga	cttccccacg	ctgagcgtgc	agccccggca	gattcgtgca	180
ggtggtccgc	agcaccctgg	aggagcaggg	actacatgtg	cacagagtgc	ggctgcatgg	240
ttcagctgcc	agccacgtgc	tgcaccctga	gagtggactg	ggctacaagg	atctggacct	300
ggtgttcggg	atggacctgc	gcagtgaggc	atccttccag	ctgaccaagg	cagtgggtgct	360
ggcctgccta	ctagacttcc	tgccggccgg	tgtgagccgg	gccaagatca	cgccactgac	420
actcaaggag	gcatacgtgc	agaagctggt	gaaagtgtgc	acagactcgg	accgctggag	480
cctcatctca	ctgtccaaca	agagcgga	gaacgtggag	ctcaagtttg	tggactcggg	540
gagacgccag	tttgaattca	gcatagactc	cttcagatc	atcctggact	ccctgttgct	600
ctttggccag	tgctcgtcca	ctcccattgc	tgaggccttc	cacccaacgg	tcacaggcga	660
aagcctgtac	ggggacttca	ccgaggccct	ggagcacctg	cggcacctg	tcacgccac	720
gcgcagtccc	gaggagatcc	gaggtggtgg	cctcctcaag	tactgccacc	tcctggtgcg	780
gggcttccgg	ccccggccca	gcaccgatgt	gcgcggcccg	cagcgtaca	tgtgctcccc	840
cttcttcac	gactttccag	acctggtgga	gcagcgccgc	accctagagc	gctacctgga	900
ggcccaactt	ggtggggcag	atgcagcccg	ccgttacgcc	tgctgggtga	cactgcaccg	960
ggtggtcaac	gagagcaccg	tgtgcctcat	gaaccacgag	cgccgccaga	cgctggacct	1020
cattgccgca	ctggcgctgc	aggcactggc	tgagcagggc	ccagctgcca	ctgccgccct	1080
ggcctggcgc	cctccaggca	ctgacggggg	tgtgccagcc	actgtcaatt	actacgtgac	1140
ccccgtgcaa	cctctcctgg	ctcacgccta	tcccacctgg	ctgccttgta	actgactcag	1200
accctggcca	gaagggaagg	gactgggcct	cacgggggtg	ggtggggcct	ccaagagtgt	1260
gtggaggaca	tgaccagagg	cgcagaatgt	gccaggaggc	ccagcactgc	agggttgggc	1320
ctttgattga	acagaccaga	ctttcccag	cacgaggccc	ctgtgggctt	aatgccagcc	1380
tggggctctc	agcaggagga	ccctttggtt	attgcatcac	acttttggac	cagcatgccg	1440
gtgggggtgca	ggcgccattt	gtcttggaag	tcaatttcct	tcaggagaca	aagcaagttt	1500
gggggtggtag	ccttaatgcc	cagcaccttg	gattgattcc	catggtctaa	gagggtcttt	1560
ttgactaagg	ccagcctgtg	gtgatcccag	cagctttgga	gggcctgcag	cccacacact	1620

gactgataca	tggtatgtta	cagggacttg	tcacttttga	tcaggctggg	ccactacagg	1680
gcctgatggg	ccaacttggg	taatcactgg	gaggagggaa	actgaggccc	gaggcagata	1740
cctgggtttg	gggagggctg	ggtttagccc	ggttctctga	actacatacc	cccagctgtg	1800
aagccttcct	cttgaggggt	tgaggtgggc	agtatacagg	agccaagcag	cccaggggtg	1860
gtcgagcccc	aggccccctc	cagggtgcca	ctcctttccc	ccttggtgtg	caaggagccc	1920
tcctgcctgg	gagcttggtc	tttggaaggt	gctgagcctg	aatttgccac	agtcaagtca	1980
acgttccccc	cccactggct	tggttacagg	gctctcacat	ggggtagggg	agccatactc	2040
ccacccccct	gcgtattccc	ctgggtttgt	tgatatattt	cactcttaac	acctgccaat	2100
aaagacggtc	tacactgaaa	aaaaaaa				2127

<210> 3630

<211> 1667

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1669)...(962)

<223> similar to gi3046604 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3630	
tttttttttt	ttctatgtac
tctccagaca	tctcactttt
cattcacaca	aacacaggtg
tttcagagcc	cacaagcaga
agtgcctgga	agtgtcaggg
ttctgacagg	cggggccagg
accacagcca	ccccctcccc
gctcagagga	aataacctca
gcacctccag	ggggtcacac
cgggcgggcg	cggaggccag
gcaggactga	gggcgggagg
ggcaggcaga	tgggaaggcc
agtatccacc	cagggcaggc
gaaaaccaag	tcccgcggga
tcagaggtca	ctgcttcgcg
ggcgtcccag	gtctggccaa
acaagctctc	gctgctggac
gcaggtcaca	gctctccggg
tctgatccag	cgacggccgc
ggcactctgg	agagaccttc
gctcgaaggg	gatgtcccca
tggccgagcg	cccgtggtag
tgccgtcgaa	gtcgggtgag
gcttgagctc	tccggagcgc
cgacccccga	gctgtggcag
gccagcggct	cgtccagggc
gctcggggcg	ctccagcacc
ggatgacgcc	gcgcgcgcgc
taattgaaat	acctgtataa
aacccccatc	tgcatgcct
taaacgctca	ggctctggcc
aaaacccaaa	ccctgggcac
agccactata	catgttcac
tcagggcctg	gggtccctgg
ggcactataa	atagccccgg
gcgggtacgg	ctcgcgtggg
gacgtgcccc	gacgcacacc
ggcggaaaga	gctccgggtg
agaggggcgt	ctgggggttc
tttgacaga	cagagcttga
aaagcgaagg	tcaccagggg
ggaaaaagtc	agggtctggg
ccagtcaggt	gcagctcctc
agggtcgagg	gtgcacagcc
catccaggga	tgggccgcaa
gcaccaccgg	atcagctgct
tcggaggatc	tcctcgctct
cacgcccagc	gaccacacgg
cggggggctg	tacactcggg
acccgaaccg	aagtcgatga
gtccttaatg	tcgcggtgca
aaagcggcgc	
cgaagatggg	cctagcgccg
ctcgaaccag	tccagcaggc
cagcagc	

<210> 3631  
 <211> 1468  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1468)...(1055)  
 <223> similar to gil899194 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3631  
 ttttgttttt ttttttttag aagcaaataa acattttatt tccacagcac gccttccctt 60  
 ttcccaaaga acatgagttt cacctcagcc atcaaagcag agggcgaaag ctgcaagtga 120  
 caaggcaaga ggctcctaga aaaatagatt ataccaaggg ctctcctcct ggggacccaa 180  
 acccgctccc aggcctcccc tcagagcttg ccaaattggag tgaaaggcat ggaaaggggc 240  
 tgggagaaaa gccagctcca ctgaacaaag gggagaggag cctggcagtg agcagacctg 300  
 ggaggggtgt ggggtgggat gagctttgct ccttggttga gtgctggaaa agggaagggg 360  
 gaagaaataa tttatgttga tgtaattaat gtaatgatga tgtaatgggt cgtgggttca 420  
 atcatggcga ccattccaga tctctctcaa gtgaagctaa attctggccg gtctatggag 480  
 gtagaaattg aggacggaag gaaagttag aatccctcct cccaggaga atagacattt 540  
 attaccagc tctacccttt ggcccagcct gcctcccaa atggcttcca aatccctcag 600  
 ctaaaatctg catcagaaaa tgggaattgga atggggatgt tgccttgccc aaacctcca 660  
 gcctcagaac tgataaagag gttgaagagc aggggtgggg aaaaggaagt taaggaatga 720  
 aattacaatt tcccctcatc ccctactcaa attccagtcc cagggtctgg ctaggcagac 780  
 tgggagagaa gaccaggcag ctgttctcat tatcagggac ccatgcagac ctgttggaca 840  
 gacatagtag gtgagagaag gctgagctgg aggccaggag ggttcttttag gctcctagag 900  
 ggagaagcag gggcctgggg tcaaggggga gtgggaagca acacagtaac aagcagtggg 960  
 aagagccttt gagccctcaa acttacgggc caccctccac caccacccc ccaagtgtg 1020  
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 ggagagcacc cggaagaaaag gaaagacacg ctgcgccagg aaggcagccg agaaggtgtg 1140  
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<210> 3632  
 <211> 5979  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(5098)

<223> similar to gi2887421 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3632

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<211> 5539  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(3951)  
 <223> similar to gi4589670 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gaagtgtttc	tatgtaagag	atgtttatat	ttaagtagtt	cttttataaa	taaaagcatt	5520
tctaattggca	aaaaaaaaa					5539

<210> 3634

<211> 714

<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature

<222> (23)...(585)

<223> similar to gi2058378 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3634

tccgcgcggg	cttcggagga	gcccgcctg	ccagaggaga	gggaggtcac	ggcgtaaagg	60
tgcagctgcc	gccaccgccg	cttctgcaag	gtctcaggga	cgggctgcag	ccatgtccta	120
ttgccggcag	gaagggaagg	atcgaatcat	atttctaacc	aaagaagatc	atgaaactcc	180
aagcagtgc	gaattggtgg	ctgatgacct	caacgatcca	tacgaggagc	atggattgat	240
actgccaaat	ggaaacatta	actggaactg	cccattgcctt	gggggaatgg	ccagcgggtcc	300
ctgtggagaa	cagtttaagt	cagccttttc	ctgcttccac	tatagcacgg	aggagatcaa	360
ggggtcagac	tgtgtagacc	agttccgggc	catgcaggaa	tgcattgcaga	aatacccaga	420
cctctatccc	caagaggatg	aggatgagga	agaggaaaga	gagaagaagc	cagcagaaca	480
agcagaagaa	acagctccca	ttgaggccac	tgcaaccaa	gaagaggagg	gatcaagtta	540
atgaaggcca	caaggcactg	ggcaccagtc	cttttgaggt	ggaccttttg	caaaaggcct	600
tgtcatcacc	ttccaagaaa	gtttccttct	gttgctctgt	gcattataat	atacaaaaata	660
acttattttg	atgatcagag	gtcttgaggt	cttgacctct	tgacatatac	actg	714

<210> 3635

<211> 1258

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (42)...(287)

<223> similar to gil872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3635

atggaaaact	gtgcaactgc	aggtaccacc	cacgagtcgc	cgatcttggc	tcaccgcaac	60
ctccgccttc	tggattccag	caattctgcc	tcagcctccc	gagtagctgg	gactgcaggc	120
gcgtgccacc	acaccgggtt	aattttttgt	attttttggt	agatacgggg	tttcgccatg	180
tcggccaggc	tgggtctcga	ctcctgacct	cgtgatctgc	ctgcctcagc	ctcccaaagt	240
gctgggatta	caggcttgag	ctcctgcgcc	cagcccatgc	taagtctttt	acccagtggg	300
caaaactggc	acaacacagg	atttatactg	gagagcaacc	tcacaaatgt	aatgaaagtg	360
gtaaggcttt	ttatcaaagt	tccttgctct	tggggtcatt	agaaaattca	tacagaatct	420
attaaaaatg	tactaaacat	ggaaagacct	ttaagcaaca	gtgatgtgat	gaagggtgta	480
gttttttaaa	tgaactccca	taagagtcta	cacaccatag	aactcatacc	aggaatcaca	540
aagtctctaa	atttccaaag	ttaactggaa	atattacaaa	ctgcagaata	attccaggcc	600
aaaatatgtt	aaattcataa	catgatgtat	atcaaaggaa	aaaaggacat	gtggaaatga	660
cacattatct	tcagtgtata	aaatattcat	ttatgtgaag	tttcttggaa	aggctacact	720

actattactg	gtttccgtct	gatgtttgag	atctgttgat	tttatgcttt	tcttacaggc	780
ctttcattat	gatctttggg	aaggaatcaa	taaaatgata	gggcctactt	cattaggtgt	840
ggttcattcc	tattcatgct	ccctggaaga	acaagaatgc	tgaattttga	aattttaatat	900
tgtatgaatt	agcatcaggg	agaggtggag	aaaaatacaa	aactaaaagt	catgcttatt	960
gtgttcagt	tgcccttctc	cagagggcca	ctggcttata	ggaaaggatt	gctgctctac	1020
cagttgacca	ggagatggca	cgccaggaca	ttaagacact	ggagttttgt	ttcgtttttt	1080
tttttttttg	agactctgcc	tcaaaaaaaaa	aaccaaacca	aaccaaagaa	ccagaatagc	1140
atgtgcacgt	atacacagac	gtttcacaac	tggcattatg	ttttgctact	gttttattta	1200
caatgtatca	caagttttat	gcccccaata	aatttaata	taacttctaa	aaaaaaaa	1258

<210> 3636

<211> 2549

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1864)

<223> similar to gi4731910 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3636

atggatgac	agcaagcttt	gaactcaatc	atgcaagatt	tggctgtcct	tcataaggcc	60
agtcgaccag	cattatcctt	gcaggaaacc	agaaaagcaa	aatcttcac	acaaaaaaa	120
cagaatgatg	tccgagtcaa	atttgaacat	agaggagaaa	aaagaatcct	tcagttcccc	180
agaccagtta	aactggaaga	tctgagatct	aaagctaaaa	ttgccttttg	acagtctatg	240
gatctacatt	ataccaataa	cgagttggta	attccattaa	ctactcaaga	tgacttggac	300
aaagctctgg	aactgctgga	tcgtagtatt	catatgaaga	gcctcaagat	attacttgta	360
ataaatggaa	gtacacaggc	tactaattta	gaaccattgc	catcactaga	agatttggat	420
aatacagtat	ttggagcaga	gaggaaaaaa	cggctatcta	taataggtec	tactagttaga	480
gatagaagtt	ctcctcccc	gggttacatt	ccagatgaat	tacaccaggt	tggccggaat	540
gggtcattca	ctagtatcaa	cagtgaagga	gagttcattc	cagagagcat	tggaaacaaa	600
tgctggatcc	aattatcttt	aagcagccct	gaaaattctg	gctcaggaag	ttgtccatca	660
cttgatagtc	ctttggatgg	agagagctat	ccaaaatcac	gaatgcctag	ggctcagagc	720
taccagata	atcatcagga	attttcagac	tatgataacc	ctatctttga	gaaatttggga	780
aaaggaggaa	catatccaag	aaggtatcat	gtttcatatc	atcatcaaga	gtattatgat	840
ggtcgtaaaa	cttttccaag	agctagaagg	acccagggga	accagcttac	ggtctcctgt	900
gagtttcagt	cctactgatc	attccttaag	cactagttag	ggaagcagta	tctttacccc	960
agagtatgat	gatagtcgaa	taagaagaag	gggaagtga	atagacaatc	ctactttgac	1020
cgtaatggac	atcagcccac	ccagccgttc	acctcgagct	ccgaccaact	ggagattggg	1080
caaactgctt	ggccaaggag	cctttggaag	ggtctacctc	tgttatgatg	ttgatacagg	1140
aagagaattg	gctgttaagc	aagttcaatt	tgaccccgat	agtcctgaga	ccagcaagga	1200
agtaaatgca	cttgagtgtg	aaattcagtt	gctgaaaaac	ttgctacatg	agcgaattgt	1260
tcagtattat	ggctgtttga	gggatcccc	ggaaaaaaca	ctttccatat	ttatggaata	1320
tatgccaggg	ggttcaatta	aggaccaatt	aaaagcatat	ggcgctctta	ctgagaatgt	1380
gactaggaaa	tacaccgctc	agattctgga	gggtgtccat	tatttgcaca	gtaatatgat	1440
tgtccataga	gatatcaaag	gcgcaaatat	cctgcgagat	tcaacaggca	acgtcaaact	1500
aggagatttt	ggggccagca	aacggcttca	gaccatctgt	ctctcaggga	caggaatgaa	1560
gtctgtcacg	ggcacaccat	actggatgag	ccctgaagtc	atcagtggag	aaggctatgg	1620
aagaaaagca	gacatctgga	gtgttgcatg	tactgtggta	gaaatgctaa	ctgaaaagcc	1680

gccttgggct	gaatttgaag	caatggctgc	catctttaa	atcgccactc	agccaacaaa	1740
cccaaagctg	ccacctcatg	tctcagacta	tactcgagat	ttcctcaaac	ggatttttgt	1800
agaggccaaa	ctgagacctt	cagctgatga	actcttaagg	cacatgtttg	tgcatatatca	1860
ctagcagcca	gtaacctctc	ctgtgcctct	acctagctcc	catctattca	ttcaccttct	1920
ctctgactgc	acttttcttt	tttataaaaa	aagagagatg	ggggagaaaa	aagacaagag	1980
ggaaagtatt	tctcttgatt	cttggttaaa	tttgtttaat	aataataata	tcctaaattt	2040
tttatattta	atcttttttt	cccttacaag	aacttgaagt	tttttttttt	aatttttata	2100
atgtactgat	ggggttcaaa	aagataaagc	acttttagtac	atagtcaactc	tttttagtac	2160
aaacaaatca	tttggaaatac	ctaaagattg	tagagtcatt	ccctctatca	ctgacacatc	2220
agtgcagatg	ggaagacatg	gaaaacaagg	agaagaaaat	gatgtataat	ttgtagtttt	2280
tagtgatagt	atttaaaata	tatcctcatt	tgtgggggtg	agccctaaac	tttagtttag	2340
ggtaggtact	caacttaaag	aatataggtt	tcttcttata	tctgtattct	ttagatccta	2400
acctctgtct	accaaccttt	ttgctcagta	ggagtcttga	tagaagatat	gaatctctga	2460
gaggtatggt	tatttggttaa	tcctaaccag	tataataagc	aaatacacta	taatagatcc	2520
acgttactgg	aatctgtaaa	ccttgaggg				2549

<210> 3637

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(188)

<223> similar to gi5726234 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3637

gctgagcttt	tgctcgccgt	ccaccactgc	tgtttgctgc	tgctcgagac	ccgctgctga	60
ctgccatccg	tctggatccg	gcagggtgtc	cactgtgtct	ctgatccaat	gaggcaccca	120
ttgccgctcc	cgatccggct	aaaggcttgc	cattgttctt	gcacagctag	gtgcccggtt	180
ttgtccta	ccagctgaac	gctagtcact	gggttcacg	gttctcttcc	gtgatccacg	240
gcttctaata	gagcgataac	actcaccaca	tggcccaaga	ttccattcct	tggaatccat	300
gaggccaaga	accccggtc	agagaacaca	aggcttgcca	ccatcttgga	agcggcccg	360
caccatcttg	ggagctctgg	gagcaaggac	cccccgacc	aataagagtt	tcgca	415

<210> 3638

<211> 2473

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (34)...(62)

<223> similar to gi4240315 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3638

acgcgccctg	aattccccgg	tcgacgggag	gcaggagact	gtaatggacg	gggatggggg	60
tccccaggac	ggcctaagaa	gaagcacaca	ggcatggcca	gcattgacag	cagtgccctt	120
gaaacaacat	cggatagttc	ccccacctta	agccggagac	cacttcgagg	gggctgggcc	180
cccacctcct	ggggtcgagg	tcaggacagt	gacagcatta	gcagctcttc	ttcggactcc	240
ctgggctcct	catcctccag	tggaaagtcg	cgggccagtg	ccagtggagg	agccccggcg	300
aagactgttg	aagttggcag	gtacaagggc	cgccgccccg	agagtcatgc	ccctcatgta	360
cccaatcagc	catcagaggc	agctgcacac	ttctacttcg	agctggcgaa	gacagtgtctg	420
atcaaggcag	ggggcaacag	cagcacttcc	atcttcacac	atccatcttc	ctcagggggc	480
caccagggtc	ctcaccgcaa	cctgcacctt	tgcgccttcg	agattgggct	ttatgccctt	540
ggcctgcaca	actttgtttc	tcccaactgg	ctctcacgta	cttattcttc	ccacgtttcc	600
tggattacag	gccaggccat	ggagataggc	agcgagccc	tgactatact	ggtagaatgc	660
tgggatgggc	acctgacacc	ccctgaggtt	gcatccctgg	ctgacagggc	atcacgggca	720
agagactcca	atatggtgag	ggcggcagca	gagctggccc	tgagctgcct	gcctcacgcc	780
catgcattga	accctaata	gatccagcgg	gccctggtgc	agtgcaagga	acaggacaac	840
ctgatgttgg	agaaggcctg	catggcagtg	gaagaggcag	ctaagggtgg	gggcgtgtac	900
cctgaagtgt	tgtttgaggt	tgctcaccag	tggttctggc	tatatgagca	aactgcaggt	960
ggctcatcca	cagcccgtag	aggggctaca	agctgtagt	ccagtgggat	cagggcaggt	1020
ggggaagctg	ggcgggggtat	gcctgagggg	agagggggcc	cagggactga	gccggttaca	1080
gtggcagcgg	cagcagtgac	agcagcagcc	acagtgggtg	ccgtcatatc	gggtgggtct	1140
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gctctacagc	cccacctgcc	ctgtagccct	cagtatctca	ctcaccacagc	tcacctgcc	1260
caccccatgc	ctcacatgcc	ccggcctgcc	gtcttccctg	tgcccagctc	tgcatacca	1320
cagggtgtgc	atcctgcatt	cctaggggct	cagtaccctt	attcagtgac	tcctccctca	1380
cttgetgcca	ctgctgtgtc	tttccccgtt	ccttccatgg	cacccatcac	agtacatccc	1440
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ggaacagtga	gcagtgtcca	tccagcatcc	acgtttccag	ccatccaagg	tgccctactg	1560
cctgccctga	ccacacagcc	cagccctctg	gtgagcggag	gttttccacc	gcccaggagg	1620
gagacacaca	gtcagccagt	caatccccac	agcctgcacc	acctgcatgc	tgccctaccgt	1680
gtcggaatgc	tggcactgga	gatgctgggt	cgccgggcac	acaacgatca	ccccacaac	1740
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ctgggagtga	actacgtgca	ccagttctgt	gtgggggcag	ccaagggggt	gctgagcccg	1860
tttgtgtgc	aggagatcgt	catggagacg	ctgcagcggc	tgagtcccgc	tcatgccccac	1920
aaccacctgc	gtgccccggc	cttccaccaa	ctggtgcagc	gctgccagca	ggcatacatg	1980
cagtacatcc	accaccgctt	gattcacctg	actcctgcgg	actacgacga	ctttgtgaat	2040
gcgatccgga	gtgcccgcag	cgcttctgc	ctgacgccc	tgggcatgat	gcagttcaac	2100
gacatcctac	agaacctcaa	gcgcagcaaa	cagaccaagg	agctgtggca	gcgggtctca	2160
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aagatgtctc	acaccctaga	agcctagggc	tgggggagac	agccctgtct	gggagggggc	2400
gttgggtggc	ctctggtatt	tatttggcat	ttataaatat	ataaactcct	tttttactct	2460
agtaaaaaaa	aaa					2473

<210> 3639

<211> 2087

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (37)...(1787)  
 <223> similar to gil769467 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3639  
 cagtcattgt ccaaacctgc ttttttccga caaaattcag agaggaggaa cttcaagctg 60  
 ctggacacta ggaagctgag tgggatgga actgggtccc cttccaaaat cagccctccc 120  
 tccactccca gcagccctga tgacattttc tttaaccttg gagaccaca gaacggcagg 180  
 aagaagagaa agatacccaa gctggtgttg cgaatcaacg ccatttatga ggtccggaga 240  
 ggaaagaaac ggggtgaagag gctgtcccag tcaatggaga gcaactcagg aaaagtgaca 300  
 gatgagaaca gtgagtctga cagtgcacac gaggagaagc tgaaagctca cagccagcgc 360  
 ctggtcaacg tgaagtcccg gctgaagcag gcgcctcggt acccatcact tgcccgggaa 420  
 ctcacgagtg accaggagag gcagctcttc gaggactttg tggttggtgc tttgcacaag 480  
 aagcaggccg gggctgccta cgtgccaaaa ctcacccaac agttccctct gaagttggaa 540  
 aggtctttca agttcatgag agaagctgag gaccaactga aggccattcc ccagttctgt 600  
 tttcccgatg ccaaggattg ggttcctgtc cagcagttca ccagtgaac attctcgttt 660  
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 ggcaaagga agcgccttcc tgaagtttac tgcatgtga gccgcctggg atgcttcagc 780  
 ctcttttcaa ggatcttgga tgaggtggaa aaaagacgag gcattctctc tgccctggtt 840  
 cagccactca tgagaagtgt catggaagcc cctttcccag ccctgggcaa aaccatcctt 900  
 gtcaagaact tcctgccagg ttcaggaact gaggtgatcg aactgtgccg ccgctggac 960  
 tcccggctcg agcacgtgga ctttgagtct ctcttctcct cctcagcgt ccgccacctg 1020  
 gtctgtgtgt ttgcctccct gcttctggag aggagggtca tcttcattgc agacaagctc 1080  
 agcatcctgt ccaagtgtcg ccacgcgatg gtggcgctga tctacccctt cgctggcag 1140  
 cacacctaca tcccgggtgt gccaccgcc atggtcgaca tcgtgtgctc gccgacgcc 1200  
 ttctcatcg ggtgtctctc cagctcgctg ccactgtca gggagctgcc gctggaagag 1260  
 gtcttgtgg ttgacctcg caacagccgg ttctcagac agatggacga tgaggactcc 1320  
 atcctgcccc ggaagcttca ggtggccctg gaacacattc tggaacagag gaacgagctg 1380  
 gcttgtgagc aggacgaagg gccctagac ggcaggcacg gtccagagtc cagccccctg 1440  
 aacgaggtgg tgtctgaagc ctttgtccgc ttcttcgtgg agattgtggg aactactct 1500  
 ttgttctga cgtcgggcca gcgtgaggag agaaccctgc agcgggaggc cttccgcaa 1560  
 gctgtctcct ccaagagcct ccgccacttc ctcggaggtc ttcattggaga ctcagatggt 1620  
 tcggggcttc atccaaggag cgggagctgc gccggcagga tgccaaagggt ctgtttgagg 1680  
 tccgagccca agagtatctg gaaacactcc ccagtggaga gcacagcggg gtcaataagt 1740  
 tcctgaaggg actaggaat aaaatgaaat ttctccaca gaaataactc tcagcctcaa 1800  
 gggaaaactt cctcctagtg cagccctatt ctttaaaaac agttcctggt ggcctttctg 1860  
 aaaggctggg tcccaggttg tcacggtgcg gaactggagg ccgcggtggc ttctggccga 1920  
 ggctgggctc ttccctggat gaggacctgg gagccgctg ggaggacagc cccagaaagg 1980  
 gagcccgaga ccaggcgtgt cgccgacatg caaatgggtt gttttggtgg ttgagagttt 2040  
 ttttttttat cttagatatt aaaagtaaga aaaatgaaaa aaaaaaa 2087

<210> 3640  
 <211> 998  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (907)...(550)

<223> similar to gi3925685 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3640

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tttttttttt ttaccaatgg aatagcagac tttctgccag attttattgg ttaatggtaa      60
tataaaatat aagaaaaaaa caacttcaaa agagtcaaca atctgtatcc atctacatgg      120
tatctgacca ccattactgg gcttttgaag tacctcgtag tggacttcac aaatgattct      180
taatttttaa aaatgcaaag tgtcttagta tttgtgtatg acattttaa tcagaattta      240
cgtagtatag aaaaatactc accaaaatat ttataagcca cacacttaaa atgcattgaa      300
catttatgaa agctccaaaa tttaaagcat agcatatata tttattttat aaaatagaaa      360
aaaaaataaa gtatattgat tgttctttac acattttgat tacactgaat ttgttaattt      420
aatattagtt caaataaaca ttgttattta aaaaatgctg agtacacgat taagctgaat      480
tttgttttcc atcagaaaaa gaacttcagg agtatataat ggtctacagg tgcttcccat      540
ccaaaacact aggtcttcat cttttgtttc ttagaccact cagggtgcttc ttttttagta      600
aagagtgttg gtttaggtgt aaatatattg tcttcatgct ctttaggcac attcaaagtc      660
tttgatttct gattttctgt cacatgtttt gggtctgttt tagtgagaag taagctgttc      720
tcagaatgtt tactatgcat cttaacgaga atctgtttca ttgctgccaa ttctgacat      780
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ctgattcaat gagatacctg taaggctgtt gagtctggtt taatagcgaa ttggctctgt      900
caagctatgt ctgttgatc tgtatggtgc aaacattaag tactggtatg ctgctgacaa      960
tctttactcc atcttcagta accttaggtt ggtagttt      998
```

<210> 3641

<211> 3325

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (137)...(1982)

<223> similar to gi4176525 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3641

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ctgagtcgcc tgcaggcagc gtgccaccgg ctgaagctct ggccagagct gcaggacaat      60
ggtggggact atgtctcagc tgctttgggc cccctgacca ccctcctgga gcagggcctg      120
ggggctcggc tgaacctgct ggctcactct cgacccccag tcccagagtg ggacatcagc      180
caagatccac caaagcacia agactctggg accctgaccc tgggactcct tctccggcct      240
gagggactga ccagcgtcct tgagctgggt ccagaggcag accagcctga ggctgctaaa      300
ttccgccagt tctggggatc ccgctcggag ctccggcggt tccaggacgg agccattcgg      360
gaagctgtgg tctgggaggc agcctctatg tcccagaagc gccttattec ccaccaggtg      420
gtcaccaccc tcttggcact ccatgctgac atcccagaaa cctgtgtcca ctatgtgggg      480
ggccccctgg atgcacttat ccaaggcctg aaagagacct ccagcacagg tgaggaggcc      540
ctggtagcgg cggtacgttg ctacgacgac ctcagtcgcc tactgtgggg gctagagggt      600
ctcccactga ccgtgtctgc tgttcaggga gctcaccag tgctgcgcta cacagaggtg      660
ttcccaccaa ctccagtcgg tccagccttc tccttctatg agactctgcg ggagcgggtc      720
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tcactgctgc	cccggctcga	taagccctgt	ccggcctacg	tggagcccat	gaccgtgggt	780
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aacatgtttg	aacataaaaa	aaaaa				3325

<210> 3642  
 <211> 1938  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1939)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (3)...(812)

<223> similar to gi4886467 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3642

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aagtccttgg	aagattaaaa	gatgtcttta	atgaagactt	ttctaataga	aaaccattta	180
tcaataggga	aataacaaac	tatcgggcca	gacatcaaaa	atgtaacttc	cgtatcttct	240
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aagtccactg	gtctctcatt	actgtgacac	tctctaateg	aattatttca	ttttatgatt	540
cccaaggcat	tcattttaag	ttttgtgtag	agaatataag	aaagtatttg	ctgactgaag	600
ccagagaaaa	aaatagacct	gaatcttcag	ggttggcaga	ctgctgttac	gaagtgtatt	660
ccacaacaga	aaaacgacag	tgactgtgga	gtctttgtgc	tccagtactg	caagtgcctc	720
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tacagatatt	tcagatcagt	gggtgttggg	gccactattg	ttacctccaa	attttatttt	960
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tcatttttaa	ttttatgggt	ctgtgcgtcc	cccatattta	atatttatta	ttcaaacgca	1080
tgcatataga	cagagcatgc	agtgaagagt	attaaaaaaa	aaagcttagt	agatttggtg	1140
cagcttttga	aacttagggt	agacgtgaaa	ctgaaatata	ggtttcaa	ttacttcccc	1200
agaacctaaa	aatgcaagat	gtttttgata	ccaaccataa	cctcctgaga	atagtaagtg	1260
ttcccccg	gcattaagg	taagcctggg	ggtggtttt	gaccaa	cagtcctgt	1320
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gagaaaaagc	aaccttggag	gccagtaaca	atgacagatt	tcaatcgtgg	ttttaggaat	1560
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agaatgcagc	tgttctcaga	gtaattttta	agttgtcatt	tccctgtgtt	gcctcccaat	1740
tggaagaagt	taagggtttac	caaatgcatt	tctatttcaa	gggtatctga	aacgtaaaaca	1800
ttcaaaactg	aaggctgact	gacttnagat	gttttgagg	tggctggaga	gaacagggaa	1860
ggtaatagag	acacacttag	tcccatggga	agcgcagcac	cgttgtaggt	tctttctcct	1920
gtcccattag	cgacctca					1938

<210> 3643

<211> 3654

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2333)

<223> similar to gi2827198 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3643

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gagccaacag	agacaatagg	agacttgtca	attdgtcttg	atgggctaca	gttagagtct	180
gaagttgtta	ccaatgggtga	aactacatgt	tcagaaagtg	cttctcagaa	tgatgatggc	240
tccagatcca	aggatgaaac	aagagtgagc	acaaatggat	cagatgaccc	tgaagatgca	300
ggagctgggtg	aaaataggag	agtcagtggg	aataattctc	catcactctc	aaatggtggt	360
tttaaaccctt	ctagacctcc	aagaccttca	cgaccaccac	caccaccccc	acgtagacca	420
gcatctgtca	atgggttcacc	atctgccact	tctgaaagtg	atgggtctag	tacaggctct	480
ctgccgccga	caaatacaaa	tacaaatata	tctgaaggag	caacatctgg	attaataatt	540
cctcttacta	tatctggagg	ctcaggccct	aggccattaa	atcctgtaac	tcaagctccc	600
ttgccacctg	gttggggagca	gagagtggac	cagcacgggc	gagtttacta	tgtagatcat	660
gttgagaaaa	gaacaacatg	ggatagacca	gaacctctac	ctcctggctg	ggaacggcgg	720
gttgacaaca	tgggacgtat	ttattatgtt	gaccatttca	caagaacaac	aacgtggcag	780
aggccaacac	tggaatccgt	ccggaactat	gaacaatggc	agctacagcg	tagtcagctt	840
caaggagcaa	tgcagcagtt	taaccagaga	ttcattttatg	ggaatcaaga	tttatttgct	900
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acagacagca	atggcagagt	atatttcgtc	aaccacaaca	cacgaattac	acaatgggaa	1020
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ttcacagtgg	atggaattcc	atattttgtg	gaccacaata	gaagaactac	cacctatata	1140
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ataaaagatta	cagtgacaag	aaaaacattg	tttcgaggat	tcctttcaac	agataatgag	1320
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agattatgga	ggtgtagcaa	gagaatgggt	ttttcttttg	tcacatgaag	tgttgaaccc	1440
aatgtattgc	ctgtttgaat	atgcagggaa	ggataactac	tgcttgcaag	taaaccgccg	1500
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gagcaatgga	ccacagaaat	tctgcattga	aaaagttggg	aaagaaaatt	ggctaccag	2220
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tgtcttatcc	cactagttta	ttcctttaac	tatgtgtgtc	aaaagtctca		2640
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aactgcaata	tacaagattt	tcctattaag	cctcttggtg	agaggcattt	gttaaaagtg	2760
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aagttggtca	cagcctgcaa	atgacttcat	ttggaagtct	gattgtttca	gttgctgac	3000
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agaaaggaag	ataacatcca	gtaaccacag	gaatatattc	tctgtgaatt	aaaagtcttc	3540
aaagttatca	tttctctgac	atatgttgga	gtagtcattt	ccattcttta	cattgtcatg	3600
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<210> 3644

<211> 1345

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1230)...(422)

<223> similar to gi3114818 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3644

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tgttgctact	aaggacaggg	gcccttcagc	tccctctgga	tcgaggggct	cttctttgac	180
gtgtacagga	tgcacggctt	gcataggaga	tctgcctgga	ctgctgtcac	tctcgttgct	240
gttggtatgc	tccattgccc	cgttcagctc	ttcccgattt	gcgctggcta	agttgcccag	300
agtgggattt	cccattggaag	cggtagtgtg	tagagggtata	ctattctcag	ccattgaagc	360
ctgtaaagct	gcattgagag	gtgtgcagta	ggcgtggctg	ctctgcatgt	ttttaataag	420
ggaaggggta	ccactgatct	tttgtggcct	tcgttttttg	aattctactt	catccactgt	480
ccatactgcc	cctttaacgt	tttctactcg	cacaaaacac	ttgtgaagac	taagattatg	540
acgcactgca	ttcttccacg	tggccgcggt	gcgtcggaag	taagcaaaca	ttcgtgtgaa	600
ccagttatag	atctcattta	gtgttagctg	cttttctgga	gattcgagaa	tggcctgcct	660
aattaaagat	gcatatgtaa	atggtgggtct	aacttctgcg	ttcttataaa	attcttgggt	720
ctgcgcaata	tctgctgacg	aaatgggcac	gttgtatttg	tctgagtacc	gcctgcggt	780
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tgtagacttc	acatgcaggt	gggtcatcat	ggcttgagg	cgttctttgt	cttttgcaag	1020
ctgtagctct	aactgctgta	caactgtcat	ttgtactcta	cattgggctg	tacttctatc	1080
gtccagcgca	tgctcactgt	tgagatgttt	tagaaatgat	tggaaatctt	cgcacactgc	1140
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cagatccaaa	ctgctgtgat	tgttg				1345

<210> 3645  
 <211> 1283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1284)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1225)...(762)  
 <223> similar to gi5107820 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3645

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cacatatect	tggtctatat	atacacatga	aagtttcata	aaacaataca	ctgatatttt	180
ccatgctgta	tctatttca	ttttttaaaa	tgctggtgtg	atcccattaa	actggtttca	240
aaataaatat	aacatgtaca	caacaacaac	aaaaaaaaac	actggggttag	agggccagta	300
agctcagcga	gtatcagcaa	ctgagacttc	atccttgtct	cacaaggact	aaaaagagaa	360
taatgttctc	attatgtggg	tcaatgccac	acccatgtat	ctgagatata	catgtcacia	420
tctgggagaa	gcctgtcctc	aattttacttt	aaatacccaa	ttctgcctag	aacatgaatt	480
agacacatag	taagctcttg	agtgaagtgc	agatgataat	gacacgatca	cataccactt	540
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tactttgaaa	aaagagcttc	actgtgtgtg	gttgtcatac	acattcttct	acccaaccat	660
ggacctcttt	tttctctca	ggcgacttc	atctaatttt	tttagcactg	gcctggcctt	720
tttgaggag	gtggagtagc	tcttcagaaa	ggcttcaaac	acagtttcag	tggtgggatg	780
ggtactgagg	aaggccttct	ccaggacata	gaggtctact	cccttatcct	ctggaagtgc	840
tgaaatgaaa	ctcagcccaa	agtctatgag	cacaatgttc	agctgttcca	gggggggttt	900
caggagcatg	ttggaggtgg	tgagatcacc	atgaatgagg	tcttcacgt	gcattcgagc	960
caaacctgc	ccaattgtct	tggctaagtt	ggagagaccc	tggggagttt	ttttcagtct	1020
ccatagtgga	ctgaatataa	tctcgaacag	tcactgagcc	ttcaatttct	tccatatata	1080
agcagttgga	agcatagtcc	acaaaaaaga	caactggggc	agatattcca	gcgcggcgac	1140
agcggaggag	cgcccggggc	tctgcaccg	tccgcgctct	gccaaagcgc	gcctccagcg	1200
ccgggtgccg	gtagccttgg	gaagcgggtg	ttnntnncnn	ggccttgcta	gccccctggc	1260
tcattnnccc	cggcccggtc	tcc				1283

<210> 3646  
 <211> 1584  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1585)...(603)

<223> similar to gi206297 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3646

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atccacacat	ccacagagtc	cacctggact	cggaggaagg	ccgagaggac	acggacgggtg	180
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agtgtccgtc	aactctgctt	cgagagcgtc	tccacgtgag	gcagcagcgc	ctgtctcgcg	420
cctcgccgag	gcggaaccac	accgggcctc	cagcggaggc	ggctttctcc	tgtgtctgtg	480
aagggaagta	gcaggtgtgt	cactgttctt	aatggagcgg	acaatgatgc	cttttctctg	540
acagaaaaat	gtccggctta	actatgcaag	acaagacttg	gtcgtcacgt	tcgcgtctct	600
agttgatttt	gtcctggaat	atgtacaagt	tattggtggc	agccacggca	atgacattgt	660
ccacgggggtg	ccaggctgtg	tgcaggatct	tcttgttgaa	gtccagactg	tccacactga	720
tctcgtcttt	cctccgctta	ccccccgtac	acaccctccg	gggtttgagg	ctggcgcgcg	780
gtttgctgct	ctctctcgag	gcctccaggg	tcacatccct	ccgcgtgtct	ctatcaaaca	840
tctgaagaa	gttggttatag	gacccgggtca	tgatggcgct	atccgaaccg	ttccagcaac	900
actcaaactt	gtcaaagatg	cagtcgttct	catagagaga	gcagagcttg	ctgcgcaggt	960
actcgtggac	ctggtgggtc	tccaccggcc	tgctctccat	gttgagggtcc	cacaccttca	1020
ccgacaggta	gtctctggtc	atcatgtacc	gcccactatg	actgaatttt	acatcggata	1080
tggatgaaat	tatttctgag	aagaaggacc	tactgctggg	atcttcaggc	tcttcaaaaa	1140
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tgattttctaa	gtgccataaa	ttaattctca	ggatcatccg	agcgccgtga	tcctaaatgg	1380
gtctcgaagt	cttccatctt	cgtcttttcag	gttataacct	tctgctcttt	tatcccgttc	1440
acttattttc	cataatttta	tagttttatc	atattgtagac	agtagaaaat	gagcagcatt	1500
ctgttgtggt	aaccacctaa	ttttattaat	tttttcctca	atattctagac	ttttcaaata	1560
gtcgatctcc	ggttcatgac	tgtg				1584

<210> 3647

<211> 2149

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1046)...(1711)

<223> similar to gi3873795 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3647

acgagcctgc	gttttccggc	cagaggacat	gatgcagggg	gaggcacacc	ctagtgtctc	60
ccttattgac	agaacctca	agatgagaaa	agaaacagag	gctaggaaag	tggtcttagc	120

ctgggggactc	ctaaatgtat	ctatggctgg	aatgatatat	actgaaatga	ctggaaaatt	180
gattagttca	tactacaatg	tgacatactg	gccccctctg	tatattgagc	ttgcccttgc	240
atctctcttc	agccttaatg	ccttatttga	tttttggaga	tatttcaaat	atactgtggc	300
accaacaagt	ctggttggtta	gtcctggaca	gcaaacactt	ttaggggttga	aaacagctgt	360
tgtacagact	acgcctccac	atgatctggc	agcaacccaa	atccctcccc	ctccaccttc	420
cccttcaatt	cagggtcaga	gtgtgttgag	ttatagccct	tctcgttcgc	ccagtaccag	480
tcccaagttc	accaccagct	gtatgactgg	ttacagccct	cagctgcaag	gtctgtcctc	540
aggtggcagt	ggttcttata	gcccctggagt	gacctactcg	cccgtcagtg	gttataataa	600
gttggcgagc	tttagccctc	ctcctccttc	tccgtaccct	accactgttg	gaccagtgga	660
gagcagtgga	ttgagatctc	gctaccgttc	ttcacctacc	gtctacaact	cacctactga	720
caaagaagac	tacatgaccg	acctacgaac	tttggatact	tttctcagaa	gtgaagagga	780
gaaacagcat	agggttaagc	tggggagccc	agattctacc	tctccttcca	gcagtcctac	840
tttctggaac	tatagtcggt	ctatggggga	ttatgcacaa	actttaaaga	agtttcagta	900
tcagcttgcc	tgtaggtctc	aggccccatg	tgctaacaaa	gatgaagccg	atctcagctc	960
taaacaagcc	gcagaagagg	tctgggcaag	agtggctatg	aatagacaac	ttcttgatca	1020
tatggattca	tggacagcta	aatttagaaa	ttggatcaat	gagacaatat	tagtgccact	1080
tgttcaagag	attgagtctg	tcagcacaca	gatgagacga	atgggttgtc	cagagctaca	1140
gataggagag	gctagtatta	ctagcttgaa	acaagctgcc	ctgggttaaag	cgcctctcat	1200
tccgactttg	aacacaatcg	ttcagtatct	agaccttact	ccaaatcagg	aatacttggt	1260
tgaaggatc	aaagaactat	ctcagggagg	ttgtatgagc	tcatttcgat	ggaacagagg	1320
tggcgacttc	aaaggacgaa	agtgggatac	agacctgccc	accgattctg	ctatcatcat	1380
gcatgtatct	tgcacctacc	ttgattccag	attacctcca	catccgaagt	atcccgacgg	1440
aaaaactttt	acttctcagc	actttgttca	gacaccaaat	aaaccagatg	ttacaaatga	1500
gaatgttttt	tgcattttatc	agagtgtctat	caacctctcc	cattatgagc	tcactctacca	1560
gcgtcatgta	tacataacctg	ccaaagggca	gaaataatat	gtttcataca	ttgttgatgt	1620
ttctctacat	cataaagacc	aaagagtcag	gaatgcttgg	gagagttaat	cttgggtctat	1680
ctggtgtgaa	tatattgtgg	atctttggcg	agtagcaagt	catatatatta	attctgacat	1740
ttagactatt	tactgaacc	agaagtcgaa	actaaacatc	tctgagccac	tgactcttct	1800
gaaataaaat	acacatgggt	gtatgttaca	gactctttag	atttaacaga	aaatgtagct	1860
gttatgaaat	gtaattgtaa	aaatatgtcc	cgtatcttct	atatcgagac	attgccttta	1920
attttatatc	gcttttcaga	aatttcagtt	gactacaaaa	ctgcaaccct	tggatttttt	1980
attgactcaa	aatagtgccca	ttccccctaa	tgaaatagat	tttgagtctt	tttttcattg	2040
taacccccaa	atgagaatca	tctacctgat	tcttgtaacca	aaaaaaaatt	tttttcagtc	2100
tttttttttt	ttaaagaggg	tttttgccaa	cccaaactgg	agggcaggg		2149

<210> 3648

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (834)...(92)

<223> similar to gi2232013 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3648

tttttttttt	ttcaggtgaa	attaaactga	tttaatcagc	acacattata	tacatgtatc	60
aaatttcaca	ctccataaat	atgtataact	tatatgtcat	ttaaaaataa	tgataaaatt	120
atatccagat	tcaagcgcct	cttgtagcgc	ttcccacagt	cctcacattt	ggatgggttt	180

tctccactgt	ggtactcttt	gttggtcttt	acagtatgac	cgggcataca	agcctctttc	240
cacagtcttc	acatttcaat	ggctttcttt	ggcagtggag	tttcttatga	ttcaaaatac	300
tagaagcatg	tctaaagctc	ttcccgcagt	tatcacagtt	ataagatctc	tctcccggtg	360
gggttctatg	gtggaagtca	agacctgact	tactaatgta	gcccttccca	cactcctcac	420
atttgatgg	cttttctcca	gtgtggactc	gttgatggac	caaaagatat	gaggaccatt	480
tgaagctctt	cccacattct	ttacaattat	atggtttctg	tcccatatga	atcatctgat	540
gcttatgcaa	atctagccta	tcaatgaaac	ctcttccata	cttttcagat	ttgtacagtt	600
tctctgctgt	gtggaccatg	caatgcctat	taagacttga	cctaagacag	aagctcttac	660
cacatatttc	acatttgaat	ggcttctccc	cagtatgaat	tctgtgatgt	ttctgaagct	720
ggaaattgtg	catgaaagcc	ttcccacatt	tctcacaatt	ataagggttc	tctcctgtgt	780
gtaatttgca	gtgaacttga	agtatcgctc	tacatctgaa	gcctttccca	c	831

<210> 3649

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (773)...(600)

<223> similar to gil232163 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3649

aacgaatctg	gctctgcctg	aatcatcgat	gacagggcaa	aggcaactgg	agcagatggg	60
agctctggca	aacacgggag	gaggggtctg	gaagagcccc	cgtccccagc	ggctagatgc	120
ttacacatgg	acgatctact	ctcctgactg	tggcctcatc	aggctggtgc	ctaccatctg	180
tggttgtaaa	ggtcccaaag	agggcctacg	gaaaggacag	gtgggctgga	aggaatgtgg	240
agaatgaccc	ccaggacagg	ggaggaggag	actggcccca	tcaatccagt	tcacagccgg	300
gaaaagtgca	ggaagacaga	caaacgaccc	caatgtgggc	gaaggacaca	cctccaagga	360
ctggagccgc	agagtccacg	tgacaaggag	acccaggata	gaaacactgt	gcggaggaca	420
cgggtgtcaac	ctcggaaggg	gcctcctatg	ctttccacac	caaattcccc	cacgggagaa	480
accctgccac	aaggcccagg	aaaccacaga	ccccaagcca	actgtgecta	gcacagacac	540
caaggaatga	cagcgatgcc	agtgacgcca	ggaggacttg	gcccctagcc	ccatcatcgg	600
ctgtatgatg	attggtgtgt	ctgcggcctc	cctctcgta	gactgcagcc	ttgggggaca	660
cgtagaactc	tgtctcctcg	ccctcagggg	ccttgagctt	acacttcccg	cagcacagca	720
gcggttgaag	cagcaccaca	gacagcagca	gcagtagcag	caggtgagga		770

<210> 3650

<211> 2069

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (24)...(1701)



<223> similar to gi2224713 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3650
ggcacgaggc ccagtgggtat gggcctagtc cagactgccca caagtcccac ccattctacc      60
acaagcccca cccatcccac cacaagcccc atccttataa atgtaagccc ttccacttct     120
ctagaacttg ctaccctctc cagcccctcc aaacactcag accccaccct cccaggcact     180
gactcccttc cctgtagtcc cccagtctcc aattcctaca ctcaggcaga ccctatggcc     240
cccagaactc cccacccaag tcctgcccac tccagtagga aaccctcac aagccctgcc     300
ccagatccct cagagtctac ggttcagagt ctaagcccca ctccctcacc cccaaccctc     360
gcaccccagc attcagacct ttgcttgccc atggctgtcc agaccccagt cccaacggca     420
gccggagggt ctggggacag gagcctggag gaggcactgg gggccctaag ggctgccctg     480
gatgactacc gtggccagtt tcctgagctg cagggcctgg agcaggaggt gaccgccta     540
gaaagtctgc tcatgcagag acaaggtctg actcgcagcc gggcctccag tctcagcatc     600
actgtggagc atgccttgga gagcttcagc ttcctcaatg aagacgaaga tgaagacaat     660
gatgttcctg gggacaggcc tccaagcagc ccggaggctg gggctgagga cagcatagac     720
tcacccagtg cccgccccct cagcacgggg tgtccagctc tggatgctgc cttgggtccg     780
cacctgtacc actgcagtcg cctcctgctg aaactgggca catttgggccc cctgcgctgc     840
caggaggcat gggccctgga gcggctgctg cgggaagccc gactactgga ggcagtatgc     900
gagttcagca ggcggtggga gatcccgccc agctctgccc aggaagtggg gcagttctcg     960
gcctctcggc ctggttctc gaccttctgg gaccagtgc cagagagact cagctgcttc    1020
ctctgcccg tggagcgggt gcttctcacc ttctgcaacc agtatggtgc ccgcctctcc    1080
ctgcgccagc caggcttggc tgaggctgtg tgtgtgaagt tcctggagga tgccctgggg    1140
cagaagctgc ccagaaggcc ccagccaggg cctggagagc agctcacagt cttccagttc    1200
tggagttttg tggaaacctt ggacagcccc accatggagg cctacgtgac tgagaccgct    1260
gaggaggtgc tactggtgcg gaatctgaac tcgcatgac aggctgttgt gctgaaggcc    1320
ctgagattgg cgcgcgaggg gcgtctgcga agggacgggc tgcgggccct cagctccctg    1380
ctcgtccatg gcaacaacaa ggtcatggct gctgtcagca cccagctccg gagcctgtca    1440
ctgggcccta ccttccggga gagggccctc ctgtgcttcc tggaccagct ggaggatgag    1500
gacgtgcaga ctcgagtggc tggctgcctg gccctaggct gcatcaaggc tcccaggggc    1560
attgagcccc tgggtgtacct ctgccaaact gacacagaag ctgtgaggga agctgcccg    1620
caaagcctac agcagtgtgg agaagaggga cagtctgccc atcgacggct ggaggagtcc    1680
ctggacgccc tgccccgcat ctttgggcct ggcagcatgg ccagcacagc attctaaact    1740
attcacccat ggggttcctg tgccccttcc cccccacttt cagggctcac caggcactgg    1800
cagggagggt aagggctggc tccagatacc cctccccac agattcctag caatgaaaat    1860
ctaataatatt cttctgttgc ccctgggggt ggagagtcag tgccctgcagt caagtgcctc    1920
ccagcctcgg ctcagcacat cccttgccac aaatcagtgt ctggggcttg gccaccctgc    1980
cgctgccag ccacatccct tggttttgta ttttatttac agagttttac agaaaataaa    2040
aaagcaaat gtctttccta aaaaaaaaaa                                2069

```

<210> 3651

<211> 1678

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (199)...(998)

<223> similar to gi3874973 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3651
gcggtggaat tcatagacct cttacctgaa ggaaagagac aggcagcaat tgataaaatg      60
accaagaaaa tgcagaagac cctagagaac accaagttcc gaggtgcacc gattataccc      120
gtggcggcca agccgggggg accagaggcc cccgaaactg aagctccaca gggcattcca      180
gagctcattg aggtggtgaa gaaggtgaag tccatgcaga tgttccacat gcccatcact      240
tcagccatgc aaggagaccg gctgggcatc tgcgtcacc agtttgacc taagctgctg      300
gagcgcggtt tgggtgtgtg ccccgagtcc ctgcacactg tccatgcggc cctcatctct      360
gtggaaaaga taccgtatth cggggggccc ctgcaaacca aggccaagtt ccacattaca      420
gtggggccatg aaacagtcac gggcgggttg atgttcttca gtcctgctcc agataacttt      480
gaccaggagc ctatactgga ctctttcaac ttctctcaag aatacctttt ccaggagcag      540
tacctgtcca aggatttgac accagcagtg acagacaatg atgaggccga caagaaggcc      600
ggccaggcca cagagggcca ttgtcctcgg cagcagtggg ccctggtgga gtttgagaag      660
cccgtcacct gccctcggct gtgcctggtg attggtcca ggctagatgc ggacattcac      720
accaacacgt gccggctagc cttccatggc atcctgctcc acgggctaga ggacaggaac      780
tacgccgaca gcttcctgcc caggctgaag gtgtacaagc tgaagcaca gcatggcctt      840
gtggagcggg cgatggatga ctacagtgtg atcgccgct ccctgttcaa aaaggaaacc      900
aacatccagc tcttcgtggg gctcaagggt cacttgcca ctggggaact gggcatcatc      960
gacagtgcct tcggccagag cggcaagttc aagatccaca tcccagggtg cctcagcccc     1020
gagtccaaga agatcctgac acccgccctc aagaagcggg cccgggctgg ccgtggggag     1080
gccaccaggc aggaggagag cgccgagcgg agcagccctc cacagcatgt ggtgctcagc     1140
ctgactttca agcgttatgt cttcgacacc cacaagcgca tggttcagtc tccctgagtg     1200
tccggtgacc tccccaggg cctccttgcc cagcccagtc caggctgctg tgccaaatcc     1260
caaccagcca cgctcagcc tctcccagtc tctcctgca gtctgcagc agcagcccc     1320
accccaagc ttggtgctga gccctggtga ggagctgagg gggatgggtt gctggggcca     1380
ggaggggtctc tctccagcc cctgcacact cccaccagg acagcccca gcccaactag     1440
gaaagggcca tgggcagagg gctggtagcc agtatcttcc actgccccat ctgttgcca     1500
cctgcaggcc agtctcaacc ctccccagg tgggcaggca cttgatggct acaaataaat     1560
gtcccgtggc cccagccac tctactggtg tctctcttc tgtgacttca ctaggctcgc     1620
cgccctcccc agctgtgttc caaggggaat ctcagaaatc ccaagagttc ctgcccag     1678

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<210> 3652

<211> 914

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(915)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2)...(278)

<223> similar to gi2411475 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3652

cttcttttta	atagtgaag	cccgaggaa	gcaagcagct	gggagaccag	agaaaatgga	60
tgatgaagac	cccattatgg	gtaccatcac	ctcggaagaa	gccctggcca	gacagccccg	120
gagatcaagc	atctcctcct	ggggatgccc	ctcccttgga	agaacaaaag	gagctccatt	180
atgcctccct	tagtttttct	gagatgaagt	cgaggagacc	taaggaccag	gaggcccaaa	240
gcaccacgga	gtactcggag	atcaagacaa	gcaagtgagg	atttgcccag	agttcagtc	300
tggctggagg	agccacagcc	tgtctggggg	aaaggacaag	tcagggacca	cttgcctgaag	360
cacgaagagc	ccttgtggca	atgttaacat	taactgatgt	ttaagtgtc	caagcagagc	420
agaaagaaaa	cagatgatgg	aattagagag	gtgggctcaa	atctaggccc	tggcactgtc	480
atcaagcaat	tcactgcac	cctctgtgcc	tcagtttccc	attctgtaaa	tcagagatca	540
tgcatgctac	ctcaaagggt	gttgtgaaca	ttaaagaaat	caacacatgg	aaatcaacca	600
acatgggtcc	tggaacaggg	cgttgtgtc	agtgttttct	ggtctctctt	ccttgaatag	660
aaaggctctg	ctggcaagtt	ctctcaaggc	tggggatgac	caggcacaaa	aaacagggca	720
gcaatatgtt	ggtgtcactc	cccttcccaa	aactcttcga	agactcccta	ggaaagacca	780
gccctcagc	ctggcacttg	gttcatgatg	tgggatctta	tatccttgcc	agagtcatat	840
ctttgccac	ttttacctgc	aatccttgca	tcattatcct	tgggttcag	tcnttcattt	900
atgagaccct	aggg					914

<210> 3653

<211> 1895

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (25)...(1543)

<223> similar to gi563129 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3653

actgtagacc	attagtccag	tgcggtggaa	ttcatcaacc	gaaacaacag	tgtggtacag	60
gtcctgcttg	ctgctggggc	tgatccaaac	cttgagatg	atttcagcag	tgtttacaag	120
actgccaagg	aacaggggat	ccattctttg	gaagtccctga	tcacccgaga	ggatgacttc	180
aacaacaggc	tgaacaaccg	cgccagtttc	aagggctgca	cggccttgca	ctatgctgtt	240
cttgcctgat	actaccgcac	tgtcaaggag	ctgcttgatg	gaggagccaa	ccccctgcag	300
aggaatgaaa	tgggacacac	acccttgat	tatgcccag	aaggggaagt	gatgaagctt	360
ctgaggactt	ctgaagccaa	gtaccaagag	aagcagcgga	agcgtgaggc	tgaggagcgg	420
cgccgcttcc	ccctggagca	gcgactaaag	gagcacatca	ttggccagga	gagcgccatc	480
gccacagtgg	gtgctgcgat	ccggaggaag	gagaatggct	ggtacgatga	agaacaccct	540
ctgggtcttcc	tcttcttggg	atcatctgga	ataggaaaaa	cagagctggc	caagcagaca	600
gccaatatata	tgcacaaaga	tgctaaaaag	ggcttcatca	ggctggacat	gtccgagttc	660
caggagcgac	acgaggtggc	caagtttatt	gggtctccac	caggctacgt	tggccatgag	720
gaggggtggc	agctgaccaa	gaagttgaag	cagtgcccca	atgctgtggt	gctctttgat	780
gaagtagaca	aggcccatcc	agatgtgtc	accatcatgc	tgcagctgtt	tgatgagggc	840
cggctgacag	atggaaaagg	gaagaccatt	gattgcaagg	acgccatctt	catcatgacc	900
tccaatgtgg	ccagcgacga	gatcgacag	cacgcgtgc	agctgaggca	ggaagctttg	960
gagatgagcc	gtaaccgtat	tgccgaaaac	ctgggggatg	tccagataag	tgacaagatc	1020
accatctcaa	agaacttcaa	ggagaatgtg	attcgcccta	tcctgaaagc	tcacttccgg	1080
agggatgagt	ttctgggacg	gatcaatgag	atcgtctact	tcctccccct	ctgccactcg	1140
gagctcatcc	aactcgtcaa	caaggaacta	aacttctggg	ccaagagagc	caagcaaagg	1200

cacaacatca	cgctgctctg	ggaccgcgag	gtggcagatg	tgctgggtcga	cggctacaat	1260
gtgcactatg	gcgcccgcctc	catcaaacat	gaggtagaac	gccgtgtggg	gaaccagctg	1320
gcagcagcct	atgagcagga	cctgctgccc	agggggctgt	actttgcgca	tcacggtgga	1380
ggactcagac	aagcagctac	tcaaaagccc	agaactgccc	tcaccccagg	ctgagaagcg	1440
cctccccaag	ctgcgtctgg	agatcatcga	caaggacagc	aagactcgca	gactggacat	1500
cggggcacca	ctgcaccctg	agaagggtgtg	caacaccatc	tagcagccac	ctgcctgctc	1560
ctatgtgccc	tcaccatcca	ataaaggccc	cttggctgtg	gcatggcaaa	aaaaaaaaaa	1620
agggggggcc	gtttaaaaga	acccttgggg	ggcccaaatt	taaccggggc	gggcaaggaa	1680
aaatTTTTTT	ccttatgggg	ggccgaataa	aaaccaacct	gggaattttg	ggaaagaacc	1740
cttatTTTtg	gggggggaca	aattggggcca	acctccctac	aaaaattaaa	ggctttaggg	1800
aaaaaaaaaa	tttttaaggg	gaaaaggggg	aaaaacaacc	ggcataccct	ggcggttggg	1860
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<210> 3654

<211> 983

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (37)...(272)

<223> similar to gil710216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3654						
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<210> 3655

<211> 3848

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3849)...(0)

<223> similar to gil665803 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3655

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<210> 3656

<211> 6995

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3900)

<223> similar to gi3327058 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3656

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accaggactt	tgctaacaat	aatgtttgga	aataaagaag	tgctctgaaa	aaatatcagc	6720
cacaaaaata	gttatgttgg	cactgtgttc	acacgcatgg	tccccacacc	cccaggttgg	6780
gtgggttttt	ttgttttttg	ggtttttttg	gggggggggc	tttttcatgt	tacatccata	6840
tctgtattta	tatcttattt	gtttcacttt	caagggtatc	atggcaaatg	tacagatttt	6900
tttgtaata	atgtgctagg	atttgctaaa	aaagaaaaaa	aaaaaacctt	tttgagtgtg	6960
ccctaaaata	aatgagactt	aattcaaaaa	aaaaa			6995

<210> 3657

<211> 1155

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1071)...(481)

<223> similar to gil665823 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

```

<400> 3657
ttttgctcta tgaagaaatt cactttaaca cttataactg taagactttg catacattac    60
aacagtgcac tagtgataca agttgtaaaa tacgtttcca ttcctttgga ttttgcatat    120
gatgggttttg catcagtcac tgcaggtaga ttgagcaagc tttttgtgtt tgttttttta    180
aacatgcatt caactagata tgattcagaa tagattaata ctcccttttt atcattacag    240
ttagctaaaa aattgccagg gcagtcacaca aaacagaatt tgctttaaga ccaaccaca    300
gagtcagctg gagactaacg gcgctggggc ctgctggggc gggatatagt cgtgttttagc    360
taagtgtcga gagcattaag aagaaagtcc tgggtggagg cgcaaggcct gcagcaccag    420
ctgtggaatc cccaataatg tgactgcaca gctccgtcct caaacatttg caggtgatca    480
ccactgaggg ggcacatagc tgtaagtggg cgttccctgg ggcccggtag gtgggcacag    540
tgaccgggtg gggggcgaca ggagttgggg agtgagcagt cagcagggtg cctgctgaca    600
tggccatggt ggtcccagcc accatgcccc tggtagcccc gttgcctcta ggagggggga    660
tgggagcagg gtacaccgtt gcaggcatgc cgttgggctg caccaccgtg gtgtggtgga    720
tgacgtgagg aggtgctgca tacagcggct gtgtgtagta cgtgccttgc tgtgcatacg    780
ggctctgctg ggggtaggca cttcgcacag ggtacacggc agtctggtag gggttcgggg    840
aggaggagta cgggtggcaca gcccgcctgg tgggggaaca ggacactttg taagggtgtgc    900
caggagtgtg acctgttttg aaggtaggat tgcctccagg atacatgtta ggagaatagg    960
caggagctgc tgctgcatag cccatgggaa aaccagctgg ataaccaatt cctttggcat   1020
ttgcataggg aaccccagaa gatccaggac tataaacagg attcatgatt tcaaaaacct   1080
ccgagccccg cgtctccgcc gcctcccgga cgacgaactc ccgctcgctc ggctccgctt   1140
ggcccggcca cgaaa                                     1155

```

<210> 3658

<211> 1841

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1843)...(513)

<223> similar to gi3415109 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3658
gagaaccaga atgcttatat tttattagta tccaagactg gggagagga tggggtggga    60
gagatcaaga attggggagc agatgggagg cgctacctca ctcaggagac acgagttcct    120
atccaagttc aaggtgaaag aagtggaggc aggaagagaa atctccctgc tagcaaccagc    180
gactcagggg gaaactctgg gcccatagct agctggaggc agggtgacat tgctcccacc    240
aatgggccat cttcttagct acacctttgt agctgtgggt ccaggcagaa gaaccacctg    300
gaaactgagc taaggcaggt tctttcttcc aacagaagac acagctgggc agggactgtg    360
cagactcaac agggccaggc cagctagtgg ccagtcagtg ttcattgtct tcaccagtgc    420
ctggagggtc cccagccaag gaaagaactg gtcagttcct gccagcagct tgagctggaa    480
tgccctggga gggtcagtag aggggtggta cttgaggagc ttcacagaga ggcggatgtc    540
aacatcgagc aggaagatgt ccatgaggtc atggcctgcc tctgtgcta tctgggagat    600
cacgtggccc ttcggaccaa tcaggagttt cacataagat tctttgggca ccagaagctt    660

```

ctgttgata	accagctccc	cacctgggcc	tctctccccc	actgctgtct	tctgctgtac	720
attgtaaggc	acctcctggg	gcaggtgttc	taggagcttc	tctcggataa	tggtggcaca	780
gatctcttct	gggtgtctggc	tagtgaggac	tgcactgtgg	tactcccagg	gccctggctg	840
ggcctgtgtc	agaaggtatt	gcttttagtgt	tttcacatcc	tcttggttta	gggctgacaa	900
catgaagatc	tccttgaagt	ggggccagcc	aatcctctga	ggatttccca	cagattgtgt	960
gtttgggtcc	ttaactgctg	ggctggggca	atgggtgcc	gggtgtgagt	ggaaggcctg	1020
cctcatcttg	agctttttgc	cattgaccac	accttcagt	agggtgccc	tgagctccag	1080
gagaactgac	ttctgcttca	aacaatctac	cttgttcatg	accaggacac	tagggatctg	1140
ggagtacttg	gtcaagcacc	tgagcaactg	ggggctgagc	tggttccgtg	tccacttgct	1200
tgagacatcc	acaagaacca	caacaagatc	agcagattcc	atgctcttcc	atggatcttc	1260
caacaaagag	agctccaggt	gatgcctctt	ctgtttacca	ggactgataa	tgccaggtgt	1320
gtcaagtaga	atcacctggg	tctccttctc	tgtgatgacc	cccagagctt	ggcagcgagt	1380
agtatgcacc	ttcctggaaa	cagggaacac	ctttcggccc	agtagctggt	tggagagtgt	1440
tgacttccct	gcattcgggg	ctcccaggag	gaccactcgt	aggacccggg	aattctcagg	1500
catatcaggg	tgatggacca	agaggacatc	ctgctcatct	ctgttcatgg	acaccgcggg	1560
gacgcaagga	gtcaccgaac	tgctgggctg	agagaatccg	aggaagtggg	ccagggcaga	1620
gccctggcca	ttactgcgag	aagccgaggc	caagcgggga	ccagagaaag	cggaccccg	1680
gacgcaggac	acgcacctcc	gttgaagcc	taagagttag	gaaaaagggg	tcacccgctc	1740
cctcgcgaca	tgagggccca	cctgccagac	tcttaacacc	gattgaacaa	gcctagcccc	1800
gcgccagctg	ggggcagcca	tctcgtgccc	aagcttgggc	t		1841

<210> 3659

<211> 1917

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1069)

<223> similar to gi4583418 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3659

atggcgctga	gtgaacccat	cctgccgtcc	ttttccactt	tcgccagccc	gtgccgagag	60
cgcggcctgc	aggagcgctg	gccgcgcgcc	gaaccgcagt	ccggcggcac	cgacgacgac	120
ctcaacagcg	tgctggactt	catcctgtcc	atggggtctg	atggcctggg	cgccgaggcc	180
gccccggagc	cgccgcccgc	gcccccgccc	cctgcgttct	attaccccga	acccggcgcg	240
cccccgccct	acagcgcccc	cgcggtgggc	ctgggtgtctg	agctgctgcg	acccgagctg	300
gatgcgccc	cgggggcccgc	actgcacggc	cgctttctgc	tgccgcgcgc	cgccgcctg	360
gtcaaggccg	agccccctga	agcggacggc	ggcgggcggt	acggctgcg	ccccgggggt	420
gaaccgggtg	accgcgcggc	ctcaagcgcg	agggcgcccc	ggggccggcg	gcttcgtgca	480
tgcgaggctc	cgggggcccgc	cccccgcccgc	cgcccgacac	accgcccgtc	agccccgacg	540
gccccgcgcg	cctgcccgcg	cccggctccg	gcgcctcctt	cccgcgcctt	ttcggtggcc	600
ctggtttcgg	cgcgcgcggg	cccggcctgc	attacgcgcc	gcctgcgccc	ccagccttcg	660
gtctcttcga	cgacgcggcc	gccgcgcggg	cagccctggg	cctggcgccc	cccgcgcgcc	720
gcggtctcct	cacgcgcgct	gcgtccccgc	tggagctgct	ggaggccaag	ccaaagcgcg	780
gccgcgcgctc	ttggccccgc	aaacgcaccg	ccactcacac	tctgcagcta	cgcgggctgc	840
ggcaagacct	acaccaagag	ttcgcatctg	aaggcgcatc	tgcgcacgca	cacaggtgag	900
aagccctacc	actgcaactg	ggacggctgc	ggctggaagt	ttgcgcgctc	agacgagctc	960
acgcgccact	accgaaagca	cacggggccac	cggccattcc	agagccatct	gtgcgatcgt	1020

gcctttctcgc	gctccgatca	cctggcgctg	cacatgaaac	ggcacatgta	gccgggacgc	1080
ccccgcccac	ctgcgcgcgg	gccgtgggcg	ggttcccacg	cgccgggcgc	ggccccctcc	1140
caaatgtga	ctggatttta	ttggacccag	agaaccgggc	cgggcacagc	gtggctacag	1200
agggctctccc	tcgatgacga	cgacgacgac	gccaccaccc	cagcccccg	ctgtgactga	1260
aggcccggtg	ggaaaagacc	acgatcctcc	ttgacgagtt	ttgtttttca	aaatgggtgca	1320
ataattttaag	tggcatcttc	tctcccaccg	ggctctacact	agaggatcga	ggcttgtgat	1380
gccttgtgag	aaataagggc	cttaatttgt	actgtctgcg	gcatttttta	taatattgta	1440
tatagtgact	gacaaatatt	gtattactgt	acatagagag	acaggtgggc	atttttgggc	1500
tacctggttc	gtttttataa	gattttgctg	ggttgggttt	ttttttaatt	aaaaagtttt	1560
gcatttttta	aaaaaaatca	cagcactggt	ctggttgctt	ggaactgggg	ccttggggca	1620
cttgggagga	ggggggagcg	gaaagtgtga	tggagggcag	ccccactaa	agcatcgtgt	1680
gcagtgggtc	ctgcgtctgc	cagcaccggg	actgccagct	gctgtgcctg	cctgccagga	1740
acctgtgggt	ttttctgtaa	atthagacac	tgcatttttag	gactgaggga	gggttatttt	1800
aaggttgttc	tttgagccat	aaattgcctc	tttgcgccac	atgctgggga	aagtgtggt	1860
cccactgacg	tggcctcctc	tacgttgaaa	aaaataaaac	tacttacctc	ttcctgg	1917

<210> 3660

<211> 1292.

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1293)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (904)...(621)

<223> similar to gi726395 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3660

ttttttttta	aaaaggtttt	gcatttcata	tttattatca	gtgcttcaat	atagaatggt	60
ttgtaatgat	tagcaacatt	gtaaaacacc	accaggtttt	tccaacacta	actgctagtc	120
ttttccagta	aatatTTTTT	ccccagacaa	aataaccaaa	cctaacacaa	tttcaagaga	180
tggtgatacc	atcagcataa	taaccctaat	tacaaaaatg	gcaatactta	aaatcatgca	240
tattattttca	ccatttcata	aaactttattt	taaaattttct	acaaactttc	ccagtgtaaa	300
agactcctca	aaagctgcat	gataacatta	aactacaaaa	ttcactttgg	aaaagtaggg	360
agttattttt	ctaatttttg	ctttaagatt	ttttttttta	aatgggttaa	aagatacgg	420
gaggagtgtg	ttgagagagg	tggagaaaag	gagcttccag	tcaatgcatt	caccatatct	480
gaaaataactt	cagttatata	aagggaacac	ttcgagagta	aggatatatt	ataaataagt	540
ctctcagcaa	gatgaacgga	tgaacagttc	aattgcaccc	acaggagaga	ggtcttcttg	600
gagaatgctt	gtttatagaa	tcttctgtaa	aatagagttg	gctacttcta	atgattcatc	660
ttgtactaaa	acaatatcat	aagagtccat	gtacttttct	aaaagctcat	ccactctatc	720
atttagatat	ccaattttca	gaatgtgctc	aacattggcc	actccatctg	ccattcttaa	780
gtctccttgg	gagtctccca	aggagaatta	tgttactatt	gtcttttagt	tgattgaaat	840
attctgtatt	cctcaaggca	ccatcatggt	tgtaaataac	atgaattagt	tctcctttaa	900
atcctttgag	cacccccctat	gaaaaatata	aatcttttga	acaggcttta	aaaattctat	960
ttgttggatt	ttcatatttt	ggagctctta	attgatgtca	ctattatttc	atcatatttg	1020

taaataacatc	tttgatacta	gagatctcaa	agcacttaag	tccatcacat	tcaccatagc	1080
taagaagggc	toggagaagt	aaatgatttt	ttagatacta	ttttaaatgg	taaaacaaag	1140
gccgggcgca	ggggctcccc	cctgtaatcc	cagccctttg	gaaggccaag	gaggccagat	1200
ccctcaaggt	caggagttca	aaaccaaact	ggccagtcga	cgcggccgcg	aattccagat	1260
ctgttttcgt	gntnctgann	ccgccatggc	tt			1292

<210> 3661  
 <211> 2092  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (428)...(685)  
 <223> similar to gi407992 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3661						
ttgcctgttt	ctctttctcc	caaagagctg	ggattaccgg	tgtgagcgag	cgcactcctc	60
ccccaaatt	gtttaccttt	accggaagtt	ggtatgcatt	gacttacctg	tggacaacag	120
tgatttttgt	ctcctgtcct	tacttctctc	tgtctccaac	tctcagggac	tcattcatca	180
cctctccctg	caccccaccc	cctgaccctg	gctagtttgg	tatctatgcc	tgtagctttg	240
ctttggggca	tcactctgaat	ctcatactgc	acggcctttc	agatctggct	tcctgcactc	300
aatgtcatgc	acgtctctta	gtgccgtgtt	cccttaatgc	tgagtcatgc	tcatttgtat	360
ggatggacca	catgactgat	ttgcctcctg	tccttagtcc	tctcagcctc	caactctcct	420
tcctgcaggc	attgatgttg	aacaagtgtc	tgtcgtcatc	aactttgatc	ttcccgtgga	480
caaggacggg	aatcctgaca	atgagaccta	cctgcaccgg	atcgggcgca	cgggcccgtt	540
tggcaagagg	ggcctggcaa	gtgaacatgg	tggacagcaa	gcacagcatg	aacatcctga	600
acagaatcca	ggagcatttt	aataagaaga	tagaaagatt	ggacacagat	gatttggacg	660
agattgagaa	aatagccaac	tgagaagctc	caccagccac	tgatgccagc	cctggcactg	720
cccctgcaca	ggagacaagt	gcatttaggg	cacaggcccc	gacatcaccc	caaggacaac	780
ggcagaagta	gagagaaact	acctacctca	cttcaaatta	tgtttggact	tgacaaaaat	840
aggtgcaa	gatggggggc	aatagaagaa	aaaatttgca	ttttggaaaa	ttgggtcctt	900
tccccacttt	tttaaagcca	cattccccca	tctttataat	aatctggtca	cagtggtagt	960
cgctggcccc	aggacccctt	cctgattttg	gctaggcatc	gtggaaccag	ctccagcccc	1020
tgaagaaacg	atagatgtgc	aggttgtgcg	gaagaggctg	agtggaaaat	ggtgtgagcc	1080
ccaccgctgt	gcacgaatg	agggaagtgg	cagcagagag	gccagagctg	ccccctctct	1140
gtctcttcaa	tggacccttc	acaagtgttt	ctcctgccct	tggggctgtc	ttccttctcc	1200
tgaaatccag	agactttctt	gtcatccctt	tctccctttc	acttctgttc	tctgtgcag	1260
aaagcagact	tgcataatccc	tgatgagcag	ctcggctact	tttgtaaact	tcagatttgg	1320
agagaaacac	gaaagtctga	atcctgaccc	cttgagagag	agtgatctgg	cgagggccga	1380
tgaaggggct	gggcctgggtc	ttgccttctc	ttctctcggt	tgctccctct	gcctaggccc	1440
ctggtactca	gtcacggcag	ccaggagacc	ccagggtgag	ttctgagcgc	atacgtagtt	1500
ggttcttacc	cccagggtgtc	acacggggcc	gagagctgag	caagaatttg	gaatggaagt	1560
tatgaccaag	ggaattatgc	tgttcattta	taatagtggg	cattatggag	agctctgatt	1620
cctacataat	atgaataagg	atggataggg	cgggcgtggg	ggctcatgcc	tataatccca	1680
gcacgttggg	aggctgaggc	gggcggatcg	gttgagctca	ggcgttcggg	accagcctgg	1740
ccaacatgat	gaaaccccg	ctctacccaa	aatagaaaaa	aatatagccg	ggcctgggtg	1800
cgcacgcctg	tagtcccagc	tactcgggag	gctgaggtag	gaggatcgct	tgagcctggg	1860
tagaggctgc	tgtgagctga	aatggcgcca	ctgcactcca	gcctgggtaa	cagagcgaga	1920

```

ccccgactca ataaataaat aaggatggat aaattgtagc gtatgcacca ttcattatgc 1980
taagacattt taaagtaatt atgagaaacg ctctactaat gatttgtttt tatttgattt 2040
tttctgctta tttagacgaaa tatatactca ttttaaaaag gaaaaaaaaa aa 2092

```

```

<210> 3662
<211> 920
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (905)...(332)
<223> similar to gi4884206 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3662
tttttttttg tgagaaaagc cgttgaggtc ctctcaaadc tgcâtgtgag caagtaggtc 60
tacaacaggc aaacatactg cttcccgact tctgaaaagt caaggaatcc taagtaatct 120
agatgaaaaa gtgactcctt ggtttcttca cattccctc caagagccca gtgagccatc 180
agctcctggc cagcaacaca cctgatacaa aatgggagaa gtgtataaat tattatgttg 240
ataagcaaga taagtgccaa agggtagata agagtgaag cattgggaag cctggcagag 300
tgcagtcagc aggtcagttc ctggcgggtc attgagcagc ttggcccaaa gatgtaagtg 360
aagtcctcc tggtggaggg atgagagcag ctccagttac tcggccttca tgacacagga 420
agttgaaggt ggcacaggca ttgggcgtgt cctgcacttc cacagcaatg ccccgctgcc 480
tcatggcttg aagcacctgg gactgcagcc tctcggtccg gtctccagtc cccaccacca 540
cgatctctat ccgggggtcc agcaaccaga agagggaaaa gctgtcttcg gtgatgtcct 600
ggtgggatcc cacgttccac tgcaccaccg agtgcgggag cagagcgagc gggccgagca 660
cgcggtttcc gtttatcatg aagccgcggc tgttgtagct gtcgatgtac attgcctgag 720
cggcctcgcg ttgcagcaga gagatgcgcg tccgctgata cagctcgtca tccgccggcg 780
agagccgatg cctcgcgcgc ggggccagg gaagctcaac gggcggacag cgcagcgagg 840
gtcgcgctcg gtacaagcta cgtagcgcg gagcgggtggc catggctgac caacgcgcgg 900
cgaagtcgtc accggcgccg 920

```

```

<210> 3663
<211> 1189
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1178)...(122)
<223> similar to gi899493 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3663

cggtcctaca	gtagagatgg	gcagtctgta	gccgagccag	gcatttcgtt	aaaggcagga	60
tctggteccg	gaggtctggg	atctctggtt	atatgggact	tctgacctct	gggcacctac	120
tgcagctgtg	gctgaggcca	agaaatgtga	ggggcctcca	tccactgcat	tgagtagcga	180
ccccgacgtg	gggttcaatg	tggagcgggg	aggggctgct	gcggcagctg	caggagccga	240
ggtgccagge	cttgttcttc	tcatgccggc	atccctgctt	gcaggtgtga	agggggcagg	300
aatcagcgag	gtgtcctggg	ctgagtcccg	ggagtgggaa	gaggtggcag	gaaggggatc	360
tgaggaggag	aacaggggtc	ctgggtggtc	gtgcttcttc	ccagacacgg	gagctgtaga	420
ggggacctct	gcagcagatg	ctaggggggc	cactaggccc	aggcagtctt	gggacttggg	480
tctgtcctgc	tgtgcatcca	tagtgggtgc	tttagaaacg	ggaggcccac	ccgaagcccc	540
tgttgcaagt	gaggacaaag	tgtgggaagg	ccgtgagggt	ctgcagtccg	ggatggcctt	600
gtcctcaacg	tgcagtgcac	tgttgatgcg	ctggaatgcc	gtctcttttt	ccaggtgcag	660
gtcttcagcc	gtgaccgggt	accccagctc	taagggaggt	ggcagcatca	aaggctcccc	720
tcgcctgcgt	ggcagcaggg	gaatcttgcg	tctacggggc	ctagagtcc	gggatctggg	780
ggagccaccc	ggtggggcga	ttgtctgccc	tgggtgctga	tctgccccct	tttcacaccg	840
tgtgtgaccc	gaagagacag	cctgaggcct	gtcctcactc	actgtctttg	agtaactgag	900
ggtcagctgg	cagcgggatg	aggctggccc	cctcctctgc	tttagccccg	gcaagcctcc	960
cgtggagctg	taggagctgg	agatggcatt	tcgtttggtg	ttcgagctcg	tccaggatgt	1020
ctgggatgtg	tggttatata	tgattttctga	gctctggggc	tggaggtctg	tctgcagagg	1080
ccggggcctg	ggcacaaagg	gagagggggc	tccattgtcc	cgcagggggc	aaaatgcaga	1140
ccgtgcatcc	ccggtgaacc	tcgggaccgt	tctctgatca	tcaggattt		1189

<210> 3664

<211> 1159

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (41)...(425)

<223> similar to gi5734705 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3664

accggaccgg	aatttcgggg	tgagaagatt	tcgtcttgcc	tcccccatca	cgtccccctga	60
caccgacacc	ccattgctcc	cacagtctcc	ccagtctcca	ctttgggtccc	cagcgtgtgc	120
tgcccagagga	tttgccctgaa	ggctgcccc	aactctgcac	ccgccccccg	agggccaccg	180
aggaccatga	ctaagacaga	tcctgccccg	atggccccgc	caccccgagg	agaggaggaa	240
gaagaggagg	aggaggatga	accgtcccc	gaggccccca	gccccaccca	ggagcgccgg	300
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<210> 3665

<211> 5530

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(4500)

<223> similar to gil504040 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3665

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<210> 3666

<211> 4254

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4255)...(2061)

<223> similar to gi3882261 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3666

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<210> 3667

<211> 4956

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3207)

<223> similar to gi5689469 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3667

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<210> 3668

<211> 1647

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1500)...(1127)

<223> similar to gi536926 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3668

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taacaacaat	ttttcaaaac	gaatcaacaa	caaaaaagta	tccagtgttt	cttttcttat	180
gaagattatt	aataaaacac	agtattttggt	aagcacattt	taacagtatg	cttgtctttt	240
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gtgccttgg	attccatggt	ttattaaaac	tgcatttata	aatggatcag	ctcctgcaga	360
agtaaacagc	agaggactaa	cttacataac	catctctctc	aacatttcaa	ttatttttct	420
tttttttagca	gttcacttca	atggctggaa	actagacaga	aagttgggaa	tagtctgcct	480
attatcatat	ttggggcttg	ctacattatc	agttctatat	gaacttggaa	ttattggaaa	540
taataaaata	aggggctgtg	gaggttgata	ttattaatag	tgttatgcag	aaaatatgaa	600

tggcagggag	gggcagagag	aaaaatccat	ttcttcattt	aatcaaat	ttaaaaatct	660
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ttgtgagccc	tttcttttca	tgaaaaatta	catattataa	aacagaagtt	tggggggaaa	780
aaatctatgt	tttaccatac	aataagttga	caaaaactgg	agaaactaga	acaaacaaat	840
ccaactatgt	agtactgaaa	acaacaagaa	aatggcttat	ttcattaaaa	acagtataac	900
cattcattta	aactgaatga	ccagacttgc	tgtctttaa	aaccctaaact	tgagattaac	960
aaaaattaca	gtatattttt	aacattatac	tgttaaaagc	tggtgggagt	tttaaaagtt	1020
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gattttcaag	aaaggacggg	gggatttggg	aattttgtgt	ttttgtttca	aaaacataag	1560
gaaaaggaga	agaggagaaa	ggaggaaaag	gagataaaca	tttttgagaa	agaaggggga	1620
aattaatttg	tttatataat	taaatcc				1647

<210> 3669

<211> 2126

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1954)...(463)

<223> similar to gi971461 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3669

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tccagagact	gcttcctttg	taggaaaagg	aacaataaac	acttcccatt	aggtttctgt	180
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gccgcatggt	cccctttgcc	acgaaa				2126

<210> 3670

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (78)...(569)

<223> similar to gi4150939 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3670

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tccacaccgg	catctggtac	tcgtgcgagg	aggagctcag	cgggcttggt	gaaaaatgtc	180
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tccactccag	caatgtcatc	gacgggctca	agctcaatgc	cttcgcggct	gtcttcacgg	360
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ccgtgggcct	cggtcctgag	gactggagac	ccattcctg	ggactacggg	tggtccttct	480
gcctggcggtg	gggtcctttt	acctgctgca	tggcagcctc	tgatcaccacg	ctcaactcct	540
acaccaagac	ggctattgag	ttccggcaca	agcgcaagggt	ctttgagcag	ggctaccggg	600
aagagccgac	cttcatagac	cctgaggcca	tcaagtactt	ccgggagagg	atggagaaga	660
gggacgggag	cgaggaggac	tttcacttag	actgccgc			698

<210> 3671

<211> 2146

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2140)...(1996)

<223> similar to gi2580578 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3671

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tgccccgcag	ccttcatagc	aaaggagaat	tctagaacca	accgaagtgc	ccctctgaag	120
ggagctggtc	ccgtccgttc	cagccgccgt	ggagtaacac	agccagcagt	ttccctcctg	180
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<210> 3672

<211> 1193

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1195)...(1011)  
 <223> similar to gi299471 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3672

tcctagtcca	tgtggaggaa	ttcagcccg	taggacgtgg	gaaggtccac	aggtggggcc	60
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gtggtggaaa	ggggaggaga	actgggcagg	gcagataagt	gggtggggcc	tctggagggtg	180
gcgggggcaa	ggttggagcc	ccgggacgaa	gaagggacgc	gggtcagcga	ggcctgaaga	240
gtgggaggag	atgggacccg	gctgtagagt	gccagaggt	ctaggccagg	ggccgcgctg	300
ccgcaggaag	atgcgagagt	ttggctttgg	tgatctggtc	caccgggggc	cagtcttgcc	360
ccctctgcca	ccgcagcgta	gggcctcctg	cattccgttt	ctctggccgg	aagggtctag	420
tgttcatccc	tctcaggctt	tggcctcctc	ccactctccc	gccctggggc	ccattcggtt	480
aggaagaatg	ggagagccgg	tcgtggcccc	tgggcggggg	aaaggaggga	ggcttggtaa	540
acctctgctg	gggaggaccc	agtacagtgg	cagctccttg	tcggggaaag	aacggatctg	600
gggaaagaac	ggatctgctg	cacacgctct	tacaggggaa	ccctaagggg	cctgaggggt	660
agggttggt	ctccaccag	aggaaggag	aaatttttcg	agtcgtaaag	aatgtatca	720
gaagccatgg	aacatttaca	gccgcacacg	ctgggtctcc	caacaaacag	atccccaaaa	780
tattttccag	tgctgtactc	gtggcataga	cccagacca	cagaccagga	ggaagcgcta	840
gagatgtcaa	cagccaacaa	aaacagtgt	ttacacactt	gtaaaattgt	gacctacagg	900
ggctgggcac	tgtggctcac	gcctgtaacc	ccagcacttt	gggtggccaa	ggtgggagga	960
ttgcttgagc	cccaggagtt	cgagatcagc	ctggcaaaca	tggtaaaatc	ctgtctctac	1020
taaaaataca	aaaattagct	gggcgtgggtg	gtgcatgcct	gtaatcccag	ctacctggga	1080
ggctgaggca	ggagaattgc	tggaacccaa	aaggcggagg	ctgcagttag	ccgagattgc	1140
gccattgcac	ttcagtttcg	gccacaaagc	gagagtcctg	ctcaaaaaaa	aaa	1193

<210> 3673  
 <211> 2427  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (20)...(972)  
 <223> similar to gill109880 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3673

agacagttaa	tgaggctctac	aagctgggtca	tccccatcct	agaagcgcat	cgagaattcc	60
ggaagctgac	actcactcac	agcaagctgc	agagagcctt	cgacagcatc	gttaacaagg	120
atcataagag	aatgtttgga	acctacttcc	gagttgggtt	ctttggatcc	aaatttgggg	180
atttggtatga	acaggaattt	gtctacaaag	agcctgcaat	taccaagctt	cctgagatct	240
cacatagact	agaggcattt	tatgggtcaat	gttttgggtg	agaatttgtg	gaagtgatta	300
aagactccac	tcctgtggac	aaaaccaagt	tggatcctaa	caaggcctac	atacagatca	360



cttttgtgga	gccctacttt	gatgagtatg	agatgaaaga	cagggtcaca	tactttgaga	420
agaatttcaa	cctccggagg	ttcatgtaca	ccaccccggt	caccctggag	gggcggcctc	480
ggggagagct	gcatgagcag	tacagaagga	acacagtcct	gaccactatg	cacgccttcc	540
cctacatcaa	gaccaggatc	agcgtcatcc	agaaggagga	gtttgttttg	acaccgattg	600
aagttgccat	tgaagacatg	aagaagaaga	ccctgcagtt	agcagttgcc	attaaccagg	660
agccgcctga	tgcaaagatg	cttcagatgg	tgctgcaagg	ctctgtggga	gctactgtaa	720
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tctatcgaca	tcacaacaag	ttgaggttat	gctttaagga	attcatcatg	agatgtggtg	840
aagctgtaga	gaaaaacaag	cgtctcatca	cggcagacca	gagggaaatat	cagcaggaac	900
tcaaaaagaa	ctataacaag	ctaaaagaga	acctcaggcc	aatgatcgag	cggaaaaattc	960
cagaactgta	caagccaata	ttcagagttg	agagtcaaaa	gagggactcc	ttccacagat	1020
ctagtttcag	gaaatgtgaa	accagttgt	cacagggcag	ctaagaaaag	ccatcttcat	1080
tcgtggagac	tgtggccctg	caaccctgga	gaaggacttg	ctggtactta	aaaaatggga	1140
catttgccac	ccaggactga	ctgtacactc	cctgatcagc	cagcactctg	gaagcttttg	1200
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tgaggaaaaa	tggaaaaatt	atccaccagt	cgattcaaac	tgaatttcac	tctttatagg	1500
aaggcagggc	aaacttgtag	gagtaccgaa	acattttcaa	taaatctaca	aagggaaagcc	1560
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cttcttttga	caaaggactt	taggaaaaag	aggaacaaag	acattatttg	agaattaaat	2040
tatatatttt	taatatgact	gtgaccttga	ctgataataa	agatgtaata	agaattgcaa	2100
gctaaatgtt	tccctttgca	actcatgctt	tgtgttttgt	tttgatgacc	tactcgctcg	2160
taatgttttg	taaggcactt	cagagagaag	acagatgcat	catcctggcc	tccatcaaata	2220
aacactatcc	aaggtggcac	ctcttctgca	atgttttaacc	ctgctgttgt	ccatttgggt	2280
ttgtttttta	cagtctcttt	tgtaccacag	tggatacatt	tgcttcatga	gtgcaggaac	2340
catgttcact	gctgcattct	tacccttagc	cctgggtcca	cctagcctgt	aagtgcccc	2400
tgagggtatc	aaagcacgcg	gacttcc				2427

<210> 3674

<211> 1766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1767)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1552)...(1077)

<223> similar to gi5824799 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3674

tttttttttt	ttagaaaaggc	agatgatttc	tttattgtaa	agacagcagt	tacaaaagag	60
aataaatatg	acattaggat	atatttgtaa	aaaatacaac	aaaaaccctt	agtatttggt	120
agcaacccca	agaactcaca	agtatggggg	ataagaacat	ctacagctgg	ataccctgaa	180
acagatgtta	gaaactggct	aatggtgagt	atggccatga	ctttggggat	gtttgaaagg	240
ccctggatct	gtcacttggg	aacgtcagcg	gtctactgta	atacaatttg	cacagagtca	300
gagtgaacag	gaaccctttt	actcattggg	atcctaacta	ttctttcggt	cttacagtga	360
agtagtacag	tattttaagag	tggggaaaag	gctgagctgg	gaagacatag	acggagcaag	420
gtgaagaggg	agggactggg	ggaatgctaa	ggggccagga	gaaaggtggc	aggaaggagc	480
agacctctgt	cctttctcta	atgtgtgtta	ctgtgtgtgg	atgctgttcc	tcctgttgaa	540
gagtggacgg	gcagtgggtc	accagcctc	cattaagacc	caccattacc	caggaacaga	600
agatgcaaaa	gcaactggca	gaatcctacc	aaagatgaga	acagggaagt	tgaatgtgaa	660
gcagagagga	gtgcagagaa	ttctccgaga	aaatgggcat	tttctctgag	gacccaaaaa	720
gacagacata	tctacacaaa	ttgatatagc	agactactct	ttgatgggga	atggtaaagg	780
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gagcagaggg	aggagacaga	ggtgggcagg	catctggccc	accccaggac	cctcctggag	900
gggcttggac	actgggagga	atgaaggctg	gcacggggag	tggcacgggg	tgggtggatg	960
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ggggcatctg	tgaggcacag	ctgtgggcag	agggcaaggt	cagcaggact	atgtattgaa	1080
gttggccttg	agtttctgga	aggtgcctg	gcgagccgc	ctctcctcct	cctcccgtt	1140
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gaccttggct	tcaaagaagt	tcttggcacc	tttgacaccc	tccagggccca	catcgatctc	1260
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gggctccggg	gctggggcgc	cgaggggagc	cagctggggg	ccactctcct	cggccaccn	1740
acgccgcagc	cggcgctcca	gcttgc				1766

<210> 3675

<211> 2416

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2417)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2383)...(2122)

<223> similar to gi1872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3675
tttttttttt tttttttttca caagttatat tttatttttaa cactgaggatt aacatatagt 60
tacaagggtca atacaagcct ccagtggaag ctctttatctt ggtttaattc catctccaga 120
gacaaaacagg caactctagg acctttacag tggcgatcgg cctccacnac agcaaatgc 180
ctccaaagtt tagaattagt gcaacacaca tacgaacgtt ttaaagggtgc tcaacatcag 240
gttaaaatag aattctggac ctttttaaaa agtttttgga tgatataagc acaggaggca 300
gagccaataa gaaacatgaa accaatattt ctggaaaaac acttagcatg aacgtcactt 360
tttgacgtcg tgtaaaacttt cttctgcaat gacggatgtt accaaaaggc attgagacct 420
ttgcgctgcg ctgggttagac aagccgcagg cttatctcca cggtgagcag gataaaaacc 480
cccaagggaac agcccatgac aaccttctgt gcctttttat actttcccat cctacaaagg 540
aaaaactggg taaaggacaa gttcctcctt ttcattgctt ttctaagaac ttttcagggc 600
aggttctttt aaaattagtc atcttacaac acaacagtat tctagcacgg tggcgaagtg 660
acaggcggca gatacggggg aggaaggaga cgttcacggg aaattccaca ttctactcta 720
tgtgaactgc tccagaaaaa tacagacatg atttcacagt aggattccca gagtaaata 780
tgatacatag gacaactgac ctctctaaag aagcccggtt ggggcagcag tgagcttttc 840
atggagccac gcagactggc ccggaagcaa caccaggtt caacatttaa gagcactcgc 900
tataacattc tttttggacg caggtggtgg aaaagtttaa aaaacaggcg gaggagtgc 960
gggggggatac aagcatatcc tatactgggg gtgacgggtc ttcaaagagc aaattactgc 1020
agcttatatc ttttccacta tggtgcaaga aatgaatcta tcctgaccca taatatgaaa 1080
gatgcgacgc acatgcattc ccgaggctct aaaatcccat tttaaagaac cgtttcacat 1140
cctcgtaggag tggagagtgg tccacttgac ttggtgaggt cagaagttcc tgaagatccc 1200
tgtcgcccc gttggcgggg gagcccattg tggagctgtg gggactgcc cactcaccat 1260
gcacctgttg gtttgacagg acagaggtgc ggccttgact cttctcacc tgtgtcatcc 1320
gggcttgtct ttcgtctgtc aagtcagtc tctgctgtga ctgatgggtg caccacgctt 1380
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gtcccccccg gggaagaagc agtcagagag gctcacgctc acctacttta aaaacccaaa 1500
gccacttcct cttcacctgc ctgggcctca gcgtctctgc gcttggtggtt tctcgteccc 1560
gagggctgac tgagctgctc cggaagggtg gtgtgtggtc aaccttggtt ggctgagagg 1620
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gacatcatcc ccaggcttcc gtggcgctct cggtcacagg agcttttaggc caatgggtcc 1860
tcttgactgt ttttgcccca aatgagagga ggggctgctt tgctttaagg cgtggcggcg 1920
gggggggggt ggtggccaca gattagggga cctcaggttt tctcaaaaaa cccacacagg 1980
gaaagaaact tggctctaaa agcaaaactca acgaattcca catgcctga agagcacgtg 2040
ataaaataca aggggtggtg cggcgggatc cctcaaagga ccacgagagg cacggggtct 2100
ttggtgatga aagtgctaac ctgcgcgggg tgcggtagct cacacctgta atctcagcac 2160
tttgggaggg tgaggcgggg ggatcacctg aggtcaggag tttgagacca gcctgaccaa 2220
cacggtgaaa ccctgtctct actaaaaata caaacattag ccgggcgtgg tgggtgcacgc 2280
ctgtaatcac agctatattg gaggctgagg caggagaatc gctggaacct aggaggtgga 2340
ggttgtagtg agccgagatc atgccactgc actccagtct gaacaataga gcgagactcc 2400
cgtctcaaaa aaaaaa 2416

```

```

<210> 3676
<211> 2416
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (2417)
<223> n = a,t,c or g

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<220>  
 <221> misc\_feature  
 <222> (2383)...(2122)  
 <223> similar to gi1872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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tacaagggtca atacaagcct ccagtgggaag ctctttatatt ggtttaattc catctccaga     120
gacaaacagg caactctagg acctttacag tggcgatcgg cctccacnac agcaaatgc       180
ctccaaagtt tagaattagt gcaacacaca tacgaacgtt ttaaagggtgc tcaacatcag     240
gttaaaatag aattctggac ctttttaaaa agtttttggga tgatataagc acaggaggca       300
gagccaataa gaaacatgaa accaatatatt ctggaaaaaac acttagcatg aacgtcactt     360
tttgacgtcg tgtaaacctt cttctgcaat gacggatgtt accaaaaggc attgagacct     420
ttgcgctgcg ctggttagac aagccgcagg cttatctcca cggtgagcag gataaaaacc     480
cccaagggaac agcccatgac aaccttctgt gcctttttat actttcccat cctacaaagg     540
aaaaactggg taaaggacaa gtctctccct ttcattgctt ttctaagaac ttttcagggc     600
aggttctttt aaaattagtc atcttacaac acaacagtat tctagcacgg tggcgaagtg     660
acaggcgcca gatacggggg aggaaggaga cgttcacggg aaattccaca ttctactcta     720
tgtgaactgc tccagaaaaa tacagacatg atttcacagt aggattccca gagtaaatga     780
tgatacatag gacaactgac ctctcttaag aagcccggtt ggggcagcag tgagcttttc     840
atggagccac gcagactggc ccggaagcaa caccaggtt caacatttaa gagcactcgc     900
tataacattc tttttggacg caggtgggtg aaaagttaa aaaacaggcg gaggagtgc     960
gggggggatac aagcatatcc tatactgggg gtgacgggtc ttcaaagagc aaattactgc    1020
agcttatatc ttttccacta tgttgcaaga aatgaatcta tcctgacca taatatgaaa    1080
gatgcgacgc acatgcattc ccgaggctct aaaatcccat tttaaagaac cgtttcacat    1140
cctcgtggag tggagagtgg tccacttgac ttggtgaggt cagaagttcc tgaagatccc    1200
tgtcgtcccc gttggcgggg gagccattg tggagctgtg gggactgcca cactcaccat    1260
gcacctgttg gtttgagggg acagaggtgc ggcttgact cttctcacc tgtgtcatcc    1320
gggcttgtct ttcgtctgtc aagtcagtc tctgctgga ctgatgggtg caccacgctt    1380
aggtcacccg ttgcagggac cggaagtcca tggtctgcc gcaaccctga gcggtttgca    1440
gtcccccccg gggaagaagc agtcagagag gctcacgctc acctacttta aaaacccaaa    1500
gccacttcct cttcacctgc ctgggcctca gcgtctctgc gcttgtggtt tctcgtcccc    1560
gagggtgac tgagctgctc cggaagggtg gtgtgtggtc aaccttggtt ggctgagagg    1620
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gacatcatcc ccaggcttcc gtggcgctct cggtcacagg agctttaggc caatggttcc    1860
tcttgactgt ttttgcccca aatgagagga ggggtgctt tgctttaagg cgtggcggcg    1920
gggggggggt ggtggccaca gattagggga cctcaggtt tctcaaaaaa cccacacagg    1980
gaaagaaact tggctctaaa agcaaaactca acgaattcca catgcctga agagcacgtg    2040
ataaaaataca aggttggttg cggcgggatc cctcaaagga ccacgagagg cacggggtct    2100
ttggtgatga aagtgtctaac ctcgcgggg tgcggtagct cacacctgta atctcagcac    2160
tttgggaggg tgaggcgggg ggatcacctg aggtcaggag tttgagacca gcctgaccaa    2220
cacggtgaaa ccctgtctct actaaaaata caaacattag ccgggcgtgg tgggtcacgc    2280
ctgtaatcac agctatattg gaggctgagg caggagaatc gctggaaccc aggaggtgga    2340
ggttgtagtg agccgagatc atgccactgc actccagtct gaacaataga gcgagactcc    2400
cgtctcaaaa aaaaaa
2416
  
```

<210> 3677

<211> 1495  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (1498)...(732)

<223> similar to gi32093 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3677

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caccttaaaa	aacctgggcc	ccagataatt	gttgaacctc	agatttagga	aggaaaattt	120
ccaagctgtc	agctaaaggc	agtttcccc	atttcacaga	atatgtggta	gaagttccga	180
gtaaggaatt	ttttcagcag	ccatgaaagc	tccctgcata	aggaagactc	agtgtgcaac	240
atctgaaagc	agtattgcc	gagcatgact	gtggcaatga	agcaaaatgt	tccctccacc	300
tatccctccc	tcccatgtat	aatgcttgaa	gggtcagtc	ctgaaataag	tagagagaaa	360
agtgtttgct	gaaagagcta	atacataagt	caaccttcac	tggtaccaat	gaaggcttcc	420
cagttcaaaa	ttcaacaccc	agaaaaggca	gaaatttttag	ctttaaatta	agtttaaatt	480
ttcagttatc	ccagtggact	aggcatttaa	atctgaggag	ttccctgaga	ttccatatga	540
ggaaatgaaa	aacattagct	tgtggattaa	atttaaagag	actgtaagga	gaaaaacata	600
ttttatgaca	tgctcttaa	ggactcctat	tatttcaatg	aatttgttac	agttataata	660
tgcttgat	aaaaaggcat	tatttattaa	gaaatctaaa	atgtaataat	atttcaatta	720
tatagtttta	gagaaccttt	cttgcccaac	acttttctga	tagcaagttg	gacatccttg	780
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ctgccctcag	ctgagggaat	cttcaggata	gtcctcagaa	tgcaaaata	agaaacacag	1020
ataaacagaa	agggaaccac	aagtacaaga	actccacaaa	tgaatatcac	aaatccgtta	1080
acatctgtgt	tggtacaagc	cagaagaatg	actgctgaga	tgtcacagaa	gtaatgattg	1140
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aagaagccac	caattgcaca	ggcagctgcc	agttttccac	acacctgcca	gctcataaga	1260
gtggggtaat	gcagagggtg	acaaatggca	gcatagcgat	cataacccat	cacacccaat	1320
agcaggcagt	tggtaatggc	aaaaccaagg	aagaagaaca	tttgaagagc	acaacagttg	1380
aaggagattg	tcctggccac	agaaagtaga	ttgatgagca	tcttgggtag	aatgacaaag	1440
gtgtagaagt	ctcagatggt	gagagaaagc	caggaagagg	ccattggtgt	gtgga	1495

<210> 3678

<211> 5662

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5664)...(456)

<223> similar to gi2662085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3678

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gaagccattc	tctgtgtatc	ctccttggag	gcaggaagga	tggatctgcc	gataggcaca	180
caacagcaca	cagccagggc	tcatgggagt	gagtgcccgt	cacctcacga	aggtcatggg	240
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<210> 3679

<211> 2655

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2656)

<223> similar to gi2280485 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3679

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<210> 3680

<211> 4410

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(4411)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (4411)...(749)  
 <223> similar to gi4240217 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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catcagggcc	tgactattct	tgacctggaa	gtccccaaagc	tctccaacat	gcccttcaac	3660
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gcctagaggt	gccctagtgg	cttggactgg	ttggcctggg	agcaaagtgc	catcccttctc	4320
tgtctcttca	ggggtaactcc	gtggctcttc	catgtccttt	ggagattcac	ttgcaaattt	4380
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<210> 3681

<211> 2752

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(856)

<223> similar to gi4406821 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3681

gcgaccgccca	gcggctacac	ggtaccgcgc	tgagaagctc	aagtccatga	cgtcccggga	60
caactataag	gcgggcagcc	gggaggccgc	gcgccgctgc	cgcagccgcc	gtagccgccg	120
cagccgcagc	cgccgctgcc	gccgaacctt	accctgtgtc	cggggccaag	cgcaagtatc	180
tggaggactc	ggaccccgag	cgcagcgact	atgaggagca	gcagctgcag	gaggaggagg	240

aggcgcgcaa	ggtgaagagc	ggcatccgcc	agatgcgcct	cttcagccag	gacgagtgcg	300
ccaagatcga	ggcccgcatt	gacgaggtgg	tgtcccgcgc	tgagaagggc	ctgtacaacg	360
agcacacggt	ggaccggggc	ccactgcgca	acaagtactt	cttcggcgaa	ggctacactt	420
acggcgccca	gctgcagaag	cgcgggcccc	gccaggagcg	cctctacccg	ccggggcgacg	480
tggacgagat	ccccgagtgg	gtgcaccagc	tggatgatcca	aaagctggtg	gagcaccgcg	540
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tcgtgtctca	cgtggacccc	atccacatct	tcgagcgccc	catcgtgtcc	gtgtccttct	660
ttagcgactc	tgcgctgtgc	ttcggctgca	agttccagtt	caagcctatt	cgggtgtcgg	720
aaccagtgtc	ttccctgccc	gtgcgcaggg	gaagcgtgac	tgtgctcagt	ggatatgctg	780
ctgatgaaat	cactcactgc	atacggcctc	aggacatcaa	ggagcgccga	gcagtcataca	840
tcctcaggaa	gacaagatta	gatgcacccc	ggttggaaac	aaagtccctg	agcagctccg	900
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aacccaagcg	gtcccaccgc	aaggcagacc	ctgatgctgc	ccacaggcca	cggatcctgg	1020
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gcttcagctc	tgagaactac	tggcgcaagt	catacgagtc	ctcagaggac	tgtcttgagg	1140
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cctgggaact	ctggctcatc	cttacgtagt	tgcacctcct	tttgttttga	gggttttggt	1260
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gctgggtgct	ccttttgagc	atatgcgtgt	gattatttgg	aacagttaga	cttgccacgt	1980
tgggtcagtt	ttagaaattg	tttctagcta	gagggactgg	tgtccttcca	agtctagcat	2040
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taggctgcag	aatctggtgg	cagccaccat	caagaagccc	ctctcagggg	ccagaactcc	2580
tttgccagcg	tggatttctc	aagtcgggac	tgcataatta	aagcagttgc	agttttattt	2640
tttttacagc	ttttttccca	aaaatgattt	atagttgtgt	gtgcagcact	tcgccctgaa	2700
atgtgtgctc	tacaataaac	aaccaaatct	aatatatttt	gaaaaaaaaa	aa	2752

<210> 3682

<211> 2354

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (72)...(1700)

<223> similar to gi4691726 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3682

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tgacttggca	tttttatttt	tgttcagatc	acaagaatgg	gcattacatc	atcccacaga	120
tggttgacag	atctcgga	aagtgcattg	ctcagagcct	tgacttatcc	gaattggcca	180
aagctgctaa	gaagaagctg	caggcgctca	gcaaccggct	ttttgaggaa	ctcgccatgg	240
acgtgtatga	cgaggtggat	cgaagagaaa	atgatgcagt	gtggctggct	acccaaaacc	300
acagcactct	ggtgacagag	cgcagtgtct	tgcccttctt	gcctgttaac	ccggaatact	360
cagccacgcg	gaatcagggg	cgacaaaagc	tgccccgctt	taatgcccga	gagtttgcca	420
ccttgatcat	cgacattctc	agtgaggcca	agcggagaca	gcagggcaag	agcctgagca	480
gccccacaga	caacctcgag	ctgtctctgc	ggagccagag	tgacctcgac	gaccaacacg	540
actacgacag	cgtggcctct	gacgaggaca	cagaccagga	gccccgcgc	agcaccggcg	600
ccactcggag	caaccggggc	cggagcatgg	actcctcgga	cttgtctgac	ggggctgtga	660
cgctgcagg	agtacctgga	gctgaagaag	gccccggcta	catcgagggc	aaaggtgcag	720
cagctcatga	aggtcaacag	tagcctgagc	gacgagcttc	cggaggctgc	agcgagagca	780
ctttgcaccc	atagatccac	aagctgcagg	cggagaacct	gcagctccgg	cagcctccag	840
ggccggtgcc	cacacctcca	ctccccagtg	aacgggcgga	acacacaccc	atggcgccag	900
gcgggagcac	acaccgcagg	gatcgccagg	ccttttccat	gtatgaacct	ggctctgccc	960
tgaagccctt	tgggggcccc	cctggggacg	agctcactac	gcggctgcag	cctttccaca	1020
gcactgagct	agaggacgac	gccatctatt	cagtgcacgt	ccctgctggc	ctttaccgga	1080
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gccggaagac	agtgcctcca	gagcccggcg	ccccagtgga	cttccagctg	ctgactcagc	1620
aggtgatcca	gtgcgcctat	gacatcgcca	aggctgccaa	gcagctggtc	accatcacca	1680
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aagtgccttt	agtgtgcca	cactccctgg	cagccagggtg	ccctgggtgcc	cacccctgtc	1860
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ctccccctctg	tatatagcat	ctccccctc	ctagttagca	ggggcctgca	aggcatcact	1980
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cttccccacc	ccttaatttt	aactttgtgg	taactgagtg	ccccgcgtg	cctgcgtgtt	2340
gagtgtgtgg	gcgg					2354

<210> 3683

<211> 2547

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (13)...(2535)

<223> similar to gi452821 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3683

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gcaactgctg	cgtaccacgc	gtcgtctacc	gaagctctccc	tggcgctgag	cgagctgcgc	180
cccaacgact	caggatatcta	tcgtgttgag	gtccagcacg	gcacgatga	cagcagcgac	240
gctgtgggag	gtcaagggtca	aaggggtcgt	ctttctctac	cgagaggggt	ctgcccgtca	300
tgctttctcc	ttttctgggg	cccaggaggc	ctgtgcccgc	attggagccc	acatcgccac	360
cccggagcag	ctctatgccg	cctaccttgg	gggtatgag	caatgtgatg	ctggctggct	420
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gacattggag	gaagcacggg	cgtactgccca	ggagcggggt	gcagagattg	ccaccacggg	660
ccaactgtat	gcagcctggg	atggtggcct	ggaccactgc	agcccagggt	ggctagctga	720
tggcagtgtg	cgctacccca	tcgtcacacc	cagccagcgc	tgtggtgggg	gcttgccctg	780
tgtcaagact	ctcttctctt	tccccaaaca	gaactggttc	cccaataagc	acagccgctt	840
caacgtctac	tgttcccgag	actcggtcca	gccttctgcc	atccctgagg	cctccaaccc	900
agcctccaac	ccagcctctg	atggactaga	ggctatcgct	acagtgcacg	agaccctgga	960
ggaactgcag	ctgcctcagg	aagccacaga	gagtgaatcc	cgtggggcca	tctactccat	1020
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taggacgctc	ctagaatttg	aaacacaatc	catggtaccg	cccacggggg	tctcagaaga	1140
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agaagaagag	gaggaggtgg	aggatgaggc	tctgtgggca	tggcccagcg	agctcagcag	1260
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aactggtggt	cctgagctat	ctgggggtccc	tcgaggagag	agcgaggaga	caggaagctc	1560
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ccgtgtccta	tgtctgcctg	gctatggggg	ggacctgtgc	gatgttggcc	tccgcttctg	1860
caaccccggc	tgggacgctt	tccaggcgcc	ctgctacaag	cacttttcca	cacgaaggag	1920
ctgggaggag	gcagagaccc	agtgcgggat	gtacggcgcg	catctggcca	gcacagcac	1980
acccgaggaa	caggacttca	tcaacaaccg	gtaccgggag	taccagtgga	tcggactcaa	2040
cgacaggacc	atcgaaggcg	acttcttgtg	gtcggatggc	gtccccctgc	tctatgagaa	2100
ctggaaccct	gggcagcctg	acagctactt	cctgtctgga	gagaactgcg	tggatcatgt	2160
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gacgtcaggg	gaggctactg	ggacgctgga	aggcgctgtt	gatccccctt	tccagcccca	2520
tgccaggtcc	ctagggggca	aggcctt				2547

<210> 3684

<211> 2349  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (29)...(1151)

<223> similar to gi2674195 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3684

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gaacggcgtg	ctggtgctga	gcctcctgga	caaaatcatc	ggggcccgtg	gaccagatcc	180
agctgactca	agcacagctg	gaggagcggc	aggcggagat	ggagggcgca	gtgcagagca	240
tccagggctg	agctgagcaa	gctgggcaag	gcgacgcca	ccacgagcaa	tacggtgagc	300
aagctgctgg	agaaggtgcg	caaggtcagc	gtcaacgtga	agaccgtgcg	cggcagcctg	360
gagcgccagg	cggggcagat	caagaagctg	gaggtcaacg	aggccgagct	gctgcggcgc	420
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cgcgcgctcc	aagaccgcgg	tctacaaggt	gccacccttc	accttcacag	tcaagaagat	960
ccgcgagggc	caggtggaag	tgctcaaggc	caccgagatg	gtggaggtgg	gcgccgacga	1020
cgacgagggc	ggcgcggagc	gcggggaggc	cggcgacctg	cggcgcgggg	gcagccccga	1080
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gtaaccccag	cacttttgga	ggccgagggtg	ggcggatcac	ctgaggtcag	gagttcgga	1980
ccagcctggc	aaacacccca	tctctactaa	gcgaaaaccc	atctctacta	aaattacaaa	2040
aattagctgg	gcatggttgc	gcatgcctgt	aatcccagct	actttggagg	ctgaggtggg	2100
gagaattgct	tgaacctggg	aggtggaggt	tgcagtgagc	caaggtcgcg	acactgcact	2160
ccagcctggg	tgacagagtg	agactccatc	tcaccggacg	gggatgagca	tgctgaaat	2220
cggcgctcct	ttttaggctg	acctgggggg	aaccgacttt	aacctgggag	gtggaggttg	2280
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cttcttagg						2349

<210> 3685  
 <211> 3269  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3270)...(625)  
 <223> similar to gi2290534 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3685

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<210> 3686

<211> 3307

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (125)...(427)

<223> similar to gi4100164 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3686

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<210> 3687

<211> 2386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2387)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (7)...(1041)

<223> similar to gi2795825 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 3688

<211> 3455

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (373)...(808)

<223> similar to gi3878110 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3688

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gtcgccaaaa	ctagtgttct	ttattagtgc	ctctcacaaa	agatcctgga	tggaggagta	3180
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tgtaaatgac	aaggaattag	tactattcct	gttgtaaagt	tagattttgc	atattgtatc	3300
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tttccagtc	tgtaaaaagt	ttagaaactt	catatgtgtc	atcacagctt	ttgtaaagaa	3420
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<210> 3689

<211> 1266

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(445)

<223> similar to gi4530441 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3689						
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tttcgttcca	ttttccagca	catacaatca	gctcagtcctc	agcgtagccc	ctcagaactg	180
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gcagccaaaa	acaagaaaag	cccagagata	cacaggagaa	tagacatttc	ccccagtaca	360
ttcagaaaac	atgggtttggc	tcatgatgaa	atgaaaagtc	cccgggaacc	tggtacaag	420
gatgggcata	attctaaaaa	tgaactacaa	agggttaatt	tttattaaat	gtatcaacaa	480
cctttgtgaa	gtggtagaa	tatggtaa	gaccccaaag	tctattgagg	tgagcttgag	540
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tgacgtaaa	cactgttaag	aggttaaagc	ttgtatacaa	tctgttactg	tgaaataact	900
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agaggc						1266

<210> 3690

<211> 1006

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (8)...(370)  
 <223> similar to gil871612 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 ccaaatgctt catctgtggg ataggcaatg attacttcga cacagtgccca catggctttg 180  
 aaaccacac tttacaggag cacaacttgg ctaattactt gttttttctg atgtatctta 240  
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 tgttttctgg gagcatcgaa gctctgtttc ggaagagctg ttctctcccc ccaccttttg 540  
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 aattctggaa agaaaacat tctggacact gtcataacac acatagatag attttcttct 660  
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 tcgaccttct ttttcttaga ttgattttgt gagggttttt tttttctct tagccttttc 960  
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<210> 3691  
 <211> 2781  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (6)...(1437)  
 <223> similar to gil503988 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 agtctcacat ggcaacgaaa acaacttgta tgtcttcaca aggatcagat gatgaacaga 180  
 taaaaagaga aaacattcgt tcgttgacta tgtctggcca tgttggtttt gagagtttgc 240  
 ctgatcagct ggtgaacaga tccattcagc aagggttctg ctttaataatt ctctgtgtgg 300  
 gggaaactgg aattggaaaa tcaacactga ttgacacatt gtttaataact aattttgaag 360  
 actatgaatc ctcacatttt tgcccaaatg ttaaacttaa agctcagaca tatgaactcc 420  
 aggaaagtaa tgttcaattg aaattgacca ttgtgaatac agtgggattt ggtgaccaa 480  
 taaataaaga agagagctac caaccaatag ttgactacat agatgctcag tttgaggcct 540

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<210> 3692

<211> 2548

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (202)...(1816)

<223> similar to gi3875448 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3692

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<210> 3693

<211> 3923

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (121)...(1223)

<223> similar to gi793845 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 3694

<211> 5352

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5353)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (5354)...(1402)

<223> similar to gi3327080 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3694

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gaatgcagaa	cagcttccat	tctacctgag	gcctagatct	gagatcgctg	tgaaacatta	180
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ccttgatttc	ctattacttt	ttttccaata	taacaaaatg	ttttagacga	tatatatgaa	300
aaaactaact	gctgtagggt	aggacctcat	tataaaatat	tggtgactgg	gcaccatcgt	360
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<210> 3695

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (479)...(684)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3695

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tggcacctcc	tctccgcgcg	ttcttggggg	gaggctgggt	aattgttccct	gcaggggtggt	180
gggtgatagt	ggccagttga	ctgcgactgt	gtttgggtgg	tgggaagcct	gaagaaaagg	240
ttgtttctta	ccggtcgtcg	cctcaggagg	gtagtgcggg	agaattttcc	gctatgggtc	300
attctcgggt	tccgcgggga	agggcgtgac	aacgacgggc	gtgacggcga	agcaacagtg	360
tctcgagagc	gctgccgccc	ggagggcgcc	aggagaagtg	cgtccgagac	gccgcgcggg	420
gatgctcctg	aaaacgtctg	cccggcgtag	cgggaaccca	gcatgatttt	caggagtctc	480
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cacctggcta	atTTTTgtat	ttttagtaaa	gacggggttt	ggccatgttg	gccgggctgg	660
tctcgaactc	ctgacctgag	gtgatctgtc	cgcctcagcc	tcccaaagtg	ctaggattat	720
aggcttgagc	caccgcgccc	ggcctatttc	tgagtgttta	ttgtaaaaac	tatagttttt	780
aaagtttgcc	agatgcaata	aaa				803

<210> 3696

<211> 917  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(918)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (679)...(388)  
 <223> similar to gi2879865 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3696

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caaaataacc	aaaaaaatga	agaaagtgcc	taaaacatga	tacagcatTT	tagagccctt	180
tcagatacaa	ggcagagaaa	ggtgtaaagt	agaaaatatc	cggatcttca	gtaatttcca	240
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ggacagagcc	actaagtctg	ctcctcggga	cacaagccct	caggccctga	gctgagtga	360
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aagttaagga	acatgttcca	agtgtcccgg	gagatgccct	tgatccccga	gggggttctct	540
gttaggaagt	ttagccattg	gtccaatacc	ggaggattgt	tctgggtaaa	gactagtttc	600
cacagggcaa	tggctatttc	ccgatgcagt	gaccgctgcc	cttcttcaga	gtccagggcc	660
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caggccattc	aaaaaattcc	tttctgcaa	caggaaaggg	aaaagggaca	tttattcatt	840
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ntgggtttag	ttggatt					917

<210> 3697  
 <211> 2094  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1589)  
 <223> similar to gil469169 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3697

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tgcctatccc	aacatccccc	tctcttctcc	cttacctgga	gtacccaagc	ctgtttttgc	180
tacagttgat	ggacaggaaa	agtttgaaac	caaagtaacc	acattggata	atgggcttcg	240
cgtggcatct	cagaataagt	ttggacagtt	ttgtacagta	ggaattctta	tcaattcagg	300
atcgagatat	gaagcgaat	accttagtgg	aattgctcac	tttttgaaa	aattggcatt	360
ttcgtctact	gctcgatttg	acagcaaaga	tgaattctg	cttacgttgg	aaaagcatgg	420
gggtatctgt	gactgccaga	catcaagaga	caccaccatg	tatgctgtgt	ctgctgatag	480
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acctctgaca	agcaggagaa	ggtaagggcc	cggtcagctc	caaggagcgc	gctccacgcg	2040
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<210> 3698

<211> 2054

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1623)...(571)

<223> similar to gi2443338 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3698

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acgtccctcc	ctattgcaca	tggaccctat	atacaggccc	acctggctga	ggctggcggg	180
actcttggca	cattcttggga	tccctgctca	ggagggggagg	ggtgacgggg	tggcatcaca	240

cgtgagatgg	ggacctccag	gogggccactc	tggctcctggc	tactgatcct	tgcactttctt	300
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ggggggcccc	cagccccacc	aggccggcgc	tccttgagca	agtcctggag	ggaaatcttc	1860
tcgcgactgc	tcagacgaca	cacagagctc	cttctgtgtc	tgctgctaga	gggcgcttgg	1920
ggctcctggc	cccggctctg	gcaagtttct	ttttgggttc	gaaggctctc	gtgtttccgg	1980
gccagttcct	ccaacaggct	cagtacttcc	ggacgcgtgt	gtcgacgcgt	gaattccggc	2040
ccgatactca	gaag					2054

<210> 3699

<211> 1202

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1203)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (53)...(825)

<223> similar to gi5326919 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3699

ccggtagaag cccgcaattc ttgtgtagac ccacgcgtcc gcggacgcgt ggggtggaaga 60

gcaggccccag	gagctgcccc	cagggactgt	gctcaccg	aactgcaccc	gctgtgtctg	120
ccacggtgga	gccttcagct	gctccctcgt	tgactgtcag	gagtgcaccc	tggggaaacg	180
tggcagcagg	tggccccggg	ggagctgggg	ctctgcgagc	agacgtgcct	ggagatgaac	240
gccacaaaga	cccagagtaa	ctgcagttca	gctcgagcct	cgggctgcgt	gtgccagccc	300
gggcacttcc	gcagccaggc	aggccccctg	gtccccgaag	accactgcga	gtgctggcac	360
cttgggcgtc	cccacctgcc	tggatctgaa	tggcaggagg	cctgtgagag	ctgcctctgc	420
ctcagtggga	ggcctgtctg	cacccagcac	tgctccccac	tcacctgtgc	tcagggcgag	480
gagatggtgc	tggagccagg	gagctgctgt	ccctcttgcc	gcagggaggc	tccggaggag	540
cagtgcacct	cctgccagct	cctcacggag	cttcgaaact	tcaccaaagg	gacctgttac	600
ctggaccagg	tagaagttag	ctactgcagt	gggtactgcc	catccagcac	ccatgtcatg	660
ccagaggagc	catacctgca	gagccagtgt	gactgctgca	gctaccgtct	agacccggag	720
agccctgtgc	ggatcctgaa	cctgcgctgt	ctgggtggcc	acacagagcc	cgtggtgctg	780
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gttcttgtta	atttcatctc	ctatcatgca	tacttgtggg	tgtctggggg	agttgcacct	1020
agttcaaacc	ccagctcatc	tgtttctctt	gtttccttgc	tcagcctccc	tgacatcatc	1080
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnc	caattgggac	ccccagttgg	gaggccaggg	1140
ggaaaatttg	ggttaattgg	accccggaac	cttcgggggt	taggggaacc	ctcccccccc	1200
ct						1202

<210> 3700

<211> 1738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1502)

<223> similar to gi2546979 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3700

atggtaacgt	ggctttacag	atttttaccc	acttcaaata	tggccgcca	gctccgttct	60
ctttttaccg	ctgatctacg	gctacaattc	tggcttcacg	ccgcctcca	aaagtgttcc	120
ctctcgaggg	gttgtggttc	ttactgcgca	ggcgcaaaag	caagtcctct	tccgggcaaa	180
atggcgatgg	gactaatgtg	cggacgccgg	gagcttctgc	gcttgctaca	gtccgggctg	240
cgggtccaca	gcgtcgcagg	gccctcgcaa	tggcttgagg	aaccgctgac	cacacggctc	300
ctattcccag	cagccccgtg	ctgctgtcgc	ccacactacc	tcttccttgc	ggcttccggc	360
ccccgcagcc	tcagtacctc	tgctatctct	tttgagaag	tccaggttca	ggccccctct	420
gttgttgctg	caactccctc	acccacagca	gtacctgagg	tggcttctgg	agagactgca	480
gatgtagtcc	aaactgctgc	agagcagagc	ttcgctgaac	tggggctggg	gtcatacacc	540
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tggggggcca	ttgctgcatg	tacagtcttt	gcccgcgtgc	tgatttttcc	tctcatcgtg	660
acgggcccag	gagaggcagc	caggatccac	aatcacttgc	cagagatcca	gaagttttcc	720
agtcgaatca	gagaggccaa	gttagcagga	gaccatattg	agtattacaa	ggcttctctg	780
gagatggcac	tttaccagaa	aaaacatggt	attaaactct	ataaacctct	cattctccct	840
gtgactcagg	ccccaatctt	catctccttc	ttcattgctt	tgagagagat	ggccaacctt	900
cctgtgccca	gcctgcagac	aggtggcctc	tgggtggtcc	aggatctcac	ggtatccgat	960
cccatctaca	tattaccact	ggcagtcact	gctacaatgt	gggctgttct	tgagctaggt	1020

gctgagacag	gtgtgcaaag	ttctgacctt	cagtggatga	gaaatgtcat	cagaatgatg	1080
ccccgataa	ccttgcccat	aaccatgcat	ttccccacgg	cagtgtttat	gtactggctc	1140
tcttccaatt	tgttttccct	ggccaagta	tctgtctctc	ggattccagc	agtacgcact	1200
gtacttaaaa	tccccacgcy	tgtgtacat	gacctggaca	aattaccttc	ccacggggaa	1260
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tgacttatgt	tctgtgcgca	ttctggcagg	aattctgtct	cttcagagac	tcatectcaa	1560
aacaagactt	gacactgtgt	ccttgcccca	gtcctaggaa	ctgtggcaca	cagagatggt	1620
catttttaaaa	acggatttca	tgaacacttc	ttgtacttat	gtttataaga	gagcactggg	1680
tagccaagtg	atcttcccat	tcacagagtt	agtaaaccctc	tgtactacaa	aaaaaaaa	1738

<210> 3701

<211> 3561

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3205)

<223> similar to gi3676530 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3701

atggatgctg	cggaagggg	ctgccatttg	ctgcccctgc	cagcggcgcg	cggacctgcc	60
cgcgctcctg	cagccgccc	cgccgcccgc	gccagcccgc	ccggcccctg	cagcggcgcc	120
gcctgcgctc	cctccgcggc	cgccggagcg	ggcgccatga	accccagctc	ctcggcggga	180
gaggagaaa	ggcgacggg	cggcagcagc	agcagcggaa	gcggcgccgg	gagctgctgc	240
ctgggcgccc	agggcgggcg	ggacccgccc	ggcgagggt	cagccgccc	ggcgggggcc	300
gctgccctgg	acgagcccgc	ggccgcccgc	cagaaggaga	aggacgaagc	gctggaggag	360
aagctgagga	acttaacttt	ccggaagcag	gtctcgtaca	ggaaagcaat	ctcccgggca	420
ggcctccagc	atctggctcc	tgacatccc	ctcagccttc	ctgtggcaaa	tggtccagcc	480
aaggagccca	gagcgacttt	ggactggagt	gagaatgccg	tgaatggaga	acacctgtgg	540
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acaaaggtcg	tcctttttgtg	ataaaaacca	tctcttctcc	tctcatgaaa	cccttgcttg	1140
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ggtacctgaa	tccacggcaa	gtctttgatc	ttctcagga	agggccaaaa	gatgcgcttg	1260
aattgtatag	gaaagtacca	aatctgcgaa	ttctggcctg	tggtggggat	ggaacgggtg	1320
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agaggctaca	ccagtgtcga	gaagtcatgc	ttctaactta	caaattccatc	cccatgcaag	2040
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ccaacatggt	acagaagagc	aagaggagaa	catccatgcc	tttactcaat	gatccccagt	2160
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ctggggaaact	agtgcagtca	tttggagcga	tacctctggg	tattctagtt	gtgcgtggag	2340
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tgtcacagcc	ggcggggaca	cctccgggca	tgcctgacct	ggtggtggaa	caagcctcgg	2640
ggatctcaga	ctggtggaat	cctgccctgc	ggaaacgcac	gctgagtgac	agtgggctgg	2700
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tacagtccac	agtctcttca	gaggatcatg	caattttgca	ggcagtaata	gctggtgatc	2820
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tgacacaagg	tgcttgccag	cggaaaccgg	ctgtgtgcca	gcttctggtg	gatgcaggag	3060
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tggggaccca	gacttggctg	cgttaccata	gaaagccgtc	agaactataa	ggtcattggc	3180
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ctaccaagat	gtacaacaga	acatgatagc	ccattgagaa	ggaggcagga	tacctggaga	3420
tttggtggaat	acagtacgag	ttccacaaaa	tttgatcctt	attgcttcca	gcaagtagca	3480
tgaacttctg	tgttcacctg	tataatttat	tttaaagatt	caaaggatgt	tcgtataaat	3540
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<210> 3702

<211> 2580

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2581)...(1593)

<223> similar to gi5731802 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3702

gaataccatt	aaacttcaaa	gaatcttcgc	ttgtgcttaa	aaataatgct	gtcaaattgc	60
ttcatacact	ttataagact	ttaggcaaga	aacattacta	atggtatcat	aaataagtat	120

tataacttta	ttaaaatgaa	aagacaatat	tcaaaataat	gcaacaaaat	gaataaaaatc	180
ctttgtccaa	tactgtacac	ataatgcaga	aatcagtgc	tttttcttaa	gcatgtttta	240
accttcattt	agttcatact	aaaatataat	aagctttaaa	tagctcaaat	aatattcagc	300
agtttaaact	gtaaacagct	tgtttaactg	ttaagagaac	attgcagtaa	tgtacctctg	360
ttagtgagca	ccttctcttc	tgtgcttata	tcttcaagat	aaatacatgg	aaggatgtga	420
aaatcggaac	accaactatg	tgtctcactg	catctaagtg	aagcagccac	agctgtgaga	480
gttttcaaag	cagaaagatg	ctgatgtgac	ctctggaatt	cagacatact	gagctatggg	540
tcagaagtg	tttacttaaa	aagcaaaaca	tcccaggaa	atactgaata	ggaaccagca	600
acacaaggcc	agcttgtgtt	gtatgtttat	taatacagtc	taaaaaaa	agcaaaacca	660
caacacacat	ccccaaaca	taactctcaa	tcacatagct	aattgcttca	ttatttttga	720
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ctgtaaggga	aaattagtca	ctagttctat	tatcgtttta	tttttcaaga	tgtgtgacag	900
gtacaggtga	caatatgggt	gccaaagtaac	ctgctctccc	tccctcaaca	agacgcaaca	960
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tagaaaaggc	ctaaaagcca	gaaatcttca	aacttactaa	acaaaaatat	tttttaatga	1140
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catttctcca	gcttgagttt	attattctga	atatatatta	ctctacgata	gtaactaatt	1260
ggttaacctg	cagctatggg	ctatggttat	accacaagtt	tatatatagg	tatgtaatgt	1320
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acttgtaaga	cttttttcca	acactaaca	agtcagggtt	tctcagcata	acagcatctc	1440
acaactgtct	taaaccttcc	acatgaagac	agagagttca	actattttat	tttgcaatct	1500
aagggatttt	tctctgcact	tcaatcaaac	tggaaaattg	agaaccattt	gctcctatgt	1560
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gtgttgaaact	aaccttcttc	ccattttcaa	taatgggcag	aatgcaagga	accttactgg	1860
cagatccttc	gctgttctgt	ctttgcagtg	ctttgctgct	gacatacttg	ggatcagggg	1920
caaagctctg	tgtcgggggc	atgaccccat	tgaggtaaga	cggagggtt	ttgggactcg	1980
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gaattccacc	tcacagtctg	tgtcatccag	agagagggtt	tcagagattg	gcaacgggtg	2520
aagaggccta	gaaccccggt	cacaaagagg	ggcacagggg	aaaagggaag	gggagttttt	2580

<210> 3703

<211> 2903

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2904)...(1735)

<223> similar to gi5262591 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3703

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aatggctgcc	agttttccat	agagtcctta	ttgtgtcaca	gccctgcaac	actttgtaca	180
ctcttttgg	atacaacatg	cccatctccc	cgacaagaca	gagctccaga	ggacgggaac	240
catgtgagag	aagttaaatg	ttgcaacat	ttgaaaaaca	gtgtaaggcc	ccaatgggta	300
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aatatgaaag	gtattcaaag	tatgtgtcca	gtgctttttc	ataagactac	tgtgttttcag	480
caaaggtgtg	gactgagcca	cttagtggca	gggaacaaac	acccagagc	tgacaagaca	540
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atcccagaac	ttcctgtgac	atgagggat	gtggcatttt	caagatgtca	cttgtcaact	660
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tttctgatg	gaatccagct	gtgttttgg	gtcaactccc	atgaaaaatt	gggtgtctta	960
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gttgagggtg	agagtttaca	tgttcttttt	ggctttcttg	ggcttaagaa	aaaaccagg	1140
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gtaaaaaagg	aaaacttaaa	ttaaaagcga	tacattgtaa	gaacattaac	tacagtaaac	1260
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<210> 3704  
 <211> 1738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1739)...(1512)  
 <223> similar to gi1041038 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3704

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actttttttt	tttttcccta	acaagtaccc	ttgatctgaa	tgggcaccag	catttgtgtc	180	
agtattgggt	tcatcattat	tattattatt	attattacta	ttattatttc	ccatagccca	240	
gttcagggat	gcaaagggtc	ttaaaacttc	tggacaatct	ctggtacaat	gaggtgtctg	300	
ataactgata	aatcctatga	tgccagatag	gtgtaaaatt	ttttagaatt	ggcgtaatcc	360	
attatagtga	cttctagctt	ataaaaattaa	cagataccat	gatttcattt	tagtcatgtg	420	
ctttgataac	agaaaataat	taattagcat	ttaatgtagt	taacatattg	tggtaaaagc	480	
accattagat	ttgttttttt	gttttttttt	tttaatttcc	ttcagttttt	aaagggatac	540	
aagtttaaca	ataaaaaaca	taaaaagcaa	aaatagctcc	cctttttctt	gcaaggctgt	600	
tttttaccce	aataatttag	agtcctgggg	tgaaaggact	agaaaaatcaa	aaatagaatt	660	
ttcaacaatc	tgtatcttac	aaagatatatt	agctatccaa	tgaaattgca	ctttactcaa	720	
ttcaaaattc	gattgttttt	attgatctct	gtcagtttct	gtcaaaacag	accatcttcc	780	
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tttgccattt	tcggaattgt	tctgcaatgt	gagtggtatc	attgtccttg	cgggccatgt	960	
tataacttta	actgctgact	gctgaaccaa	aacaaactaa	aggaacaaat	aaaaaaggaa	1020	
tataactgca	ttttcttttt	ccaatatgtt	acagaaaaac	attgcccttt	gactgtcccg	1080	
ttatatattg	cagatctcag	ctactacaaa	agatttagtt	ctccatgtgc	ctcctcaatg	1140	
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cgtaaggaaa	gtgtgttaca	acaggaagtc	agtgagcaag	ggtagtcctc	cgctagccac	1260	
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<210> 3705  
 <211> 1740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(1741)  
<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (212)...(819)

<223> similar to gi4107015 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3705

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cctctggcct	gcagtcggcc	acccaccccc	caggagggac	ggagccacca	cggccccgag	180
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cctccatgac	ccccgatgcc	aaacacctgt	ggctggagtt	cagccacccc	gtggagagcc	360
tggcgctgac	tgtggaagag	gtgatggacg	tgcgcctgt	gctggtgaag	gccgagatgg	420
aaaagttttt	gcagaacaag	gagctcttca	gcagtcgtga	gaaggggaag	atttgcgtgt	480
gctgcggggc	caagttcccc	ctgttctcgt	ggccgcccag	ctgtctcttc	tgcaagagag	540
ccgtctgcac	ttcctgtagc	ataaagatga	agatgccttc	taagaaattt	ggacacatcc	600
ctgtctacac	actgggcttt	gagagtcttc	agagggtatc	agctgccaaa	accgcgccaa	660
tccagagaag	agacatcttt	cagtctctgc	aagggccaca	gtggcagagc	gtggaggagg	720
cgttccccca	catctactcc	cacggctgtg	tcctgaagga	tgtctgcagt	gagtgcacca	780
gctttgtggc	agacgtgggt	cgttccagcc	gcaagagcgt	ggacgtcttc	aacactacgc	840
cacgacgcag	tcgccagacc	caatccctct	acatccctaa	caccaggact	cttgacttca	900
agtacagacc	ccaggtggcc	aggcctccag	gaggcaccag	gcaggccctg	tatcaggcta	960
ggacgctctg	agctgtgcat	gtacatatat	acatatatag	atacatttat	aatatataca	1020
cacagtctat	atatttatat	acactgtttc	ctggccccag	agctcatttg	ggttcaggcg	1080
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aggcaggaga	atcgcttgaa	cccgggaggt	gtaggttgca	gtgagccgag	attgcaccac	1680
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<210> 3706

<211> 3115

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3110)...(557)

<223> similar to gi6002714 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3706

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ctccgagcct	gggcttcctc	aagagcgtgg	cccaagggcc	ccacagccca	gatccgggca	180
gccccaccac	cttcaactgag	gaggetccga	agctccgttc	ccgctgctcc	ttacagacag	240
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tcttcaaacc	tttggcccca	gttgggtcag	tagaaccacc	agtgtcctcc	ccttctacct	360
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<210> 3707  
 <211> 3977  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(1940)  
 <223> similar to gi4240183 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3707

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ccagcctgga	gctgctagtc	agtttattgc	agcgacgccc	acaagtctaa	tggagggcgca	180
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tcttcatggg	aaattatata	aatattttata	aatatataga	gagacatata	cttatataga	3780
gtcattcttt	gtcattctcc	atttgtaatt	togagatcac	agatggcgaa	attccttttc	3840
tattgtgtgc	ctcatgtaca	cttgggcctt	gcctatcttc	attttcttga	actatgttct	3900
tggcatgtga	cacctcagag	tcttcttgcc	ttccctgtgt	acaatgcaag	ggtgggcagt	3960
atttaacaag	ccaagaa					3977

<210> 3708

<211> 2215

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2217)...(2020)

<223> similar to gil9917 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3708

tttttttttt	ttcctgagac	agcagagcat	aagtcctttt	aattatgtgt	ttgaaaaatg	60
tcacaagtca	aaaaaggaac	acaaggcagg	ctccggctcc	ctccaccccc	gtgaggagcc	120
cttgtccatt	tcagccttgc	actcagaaag	accccggggg	gtctgtgtac	gttccacgtg	180
cttcatgttt	cgtggtatct	gtcagagcct	taaaacaggg	cccaccact	actgtgaaat	240
ttcaaggaaa	taactgattc	agttaaataa	cagtcceaag	gtagacctgg	tctcacaggt	300
gaccacccgc	ttaaattccag	agccttcttt	tctgtccaaa	gccactgaaa	tttgatctcc	360
tccttcacac	attcccaggt	ccccaatatg	ccaccacact	tctgacaggt	ggctacaggt	420



ctacactaat	ggaagctctg	ctaaaaacat	ctccacccaa	ccctcctgcc	aacgagggtca	480
gctggcaggc	atctgctaag	cccctaaact	ggtcagcgca	ggttatgcgc	ccattccgag	540
acccaaacaa	tactccagga	cttcgcacct	cctcctcgag	aggcaacgga	gagaactgct	600
cttacttcaa	tctgacagtc	aagggagagc	acacaaataa	aacgtcccat	ctggaagaaa	660
tcagggaagc	tggggaaatg	aggctgttca	tcaactttta	agagctcaaa	cttggctgtg	720
taactttcag	acctagctta	tggttgggga	ccacctgaac	tggccccag	ggttgccctc	780
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gggggaaggt	cggttcgcct	gaagacctct	tctggcctgt	gtggaaagga	cggccccctg	960
tcaaccctgg	ggaagcactg	cagatgtgaa	gcggtttggc	cactcttggg	cactgactga	1020
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tcaggctcctg	gtggacctcc	gggctgtcct	tgtccatgca	tttgatgatg	ttgtgaacca	1980
aaggtaaaaa	ggagtagttc	tcttccctcc	tgcgcggggc	aggtagactga	ggcctggcgc	2040
ccggcgactg	ctgcggttga	ggcgcaggga	ccggcgggcg	ctgaggaggc	ggcagcggtc	2100
tgggtgtcagg	cagcgccctgg	tccgacgttg	gcggcaatac	atcctccgcc	tgtcgcccg	2160
ctgccacccc	agcagaggcc	atggctccgg	gggtaggtta	gccagaggtc	gggtc	2215

<210> 3709

<211> 1555

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1557)...(261)

<223> similar to gill185452 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3709

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gggccccaaa	aaaaaaataa	tacctttccc	gccccggca	ctaaaatttg	gttctttaaa	120
acggcccccc	cctttttttt	ttttttgatg	ctgtgacttt	tattctaata	cacacattga	180
tttgattaaa	ccaagttcag	ggataaggca	aatatacatt	cttgttcccc	aaaacatccc	240
aggcagtttc	agcgtctttc	agcacagatg	aggtaggggt	ggggctgcaa	tgtcatgcct	300
aacctgggct	tcagatctgg	aactagttca	tgtggaaaat	gcaaataaaa	cctctgaagc	360
aatgctgtaa	aaaacaagaa	catttccatc	cgagccaagt	gttctcccaa	ggacaatgtc	420

ttcttcctag	ggggaaaaag	ggaacccaaa	gcttcccttc	ttggggccaa	aatatcccac	480
tgctgggtccc	aggaaatcgc	tcagggatgg	ggaacacttt	ctgggggtct	tctcccggta	540
cttttttcca	tccaaggtgg	tacaggaatt	aaggtttgta	attacttggt	gtgccttttag	600
gaatggaata	accacgtaca	actgcatctt	cagaggttgc	atggaaaatc	cctaattgaa	660
ctatattaca	gaatcttaaa	acttcatgca	aaactgcctc	agtataaggc	attttgcat	720
tgctgtccca	agaaggcttc	ccattagggc	ccataattaa	atcaatctct	ttctgaactt	780
gtccttgaat	attaggataa	agggccatga	aaagaatcgc	ccaccgtagc	acattgggtg	840
tagtttcagt	tccagcaatg	atgagttcac	ccactgagaa	aattagggtt	tctttggaga	900
aagtagatga	tgggtcattt	ttaccttgat	ccatctcatc	taaataagca	tcaacaaaat	960
gctgaggtag	ctgaggcttt	ctgttgactg	aagctttttc	aatgagtctg	gagagaaaat	1020
catagactac	agctgtcatt	tctaaacag	ctgttgatgt	tttccaaaag	gcaggatgcc	1080
aatccatgga	aaggcattat	acaagaagac	tgaggcactg	gcagctagtt	ccacattttc	1140
actaaataac	tcaatcatgt	gctgaaaatc	ggtgtcttca	taagtgaatc	gttctccaaa	1200
aatgatcaga	ttggttatgt	ttgaaacagc	attcgttatt	aactgtttta	agtcaaaagg	1260
tctacctttg	tatgtttcaa	tagcatcatt	gaaaaatttg	gtttcttcca	agattttaga	1320
ttcaaaagac	ttttggccat	atccaaaata	tcgaaaactg	tttacagcta	atcgtctgtg	1380
atcaacccat	cctcggccat	atctggaatt	gagtaagcct	cccatttttg	tcattcttcat	1440
gaataaagga	aggcatgggc	tgtctgcaaa	aatttcgctt	tgatgaacaa	ggcattccct	1500
tactacatca	tagccattta	caaccacagt	tgatatgcct	ccaagatcta	gactg	1555

<210> 3710

<211> 3219

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3220)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1)...(2744)

<223> similar to gi4927370 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3710

atgcccgccca	tgccctccag	cggccccggg	gacaccagca	gctctgctgc	ggagcgggag	60
gaggaccgaa	aggacggaga	ggagcaggag	gagccgcgtg	gcaaggagga	gcgccaagag	120
cccagcacca	cggcacggaa	ggtggggcgg	cctggggagga	agcgcaagca	ccccccggtg	180
gaaagcggtg	acacgccaaa	ggacctgcg	gtgatctcca	agtccccatc	catggcccag	240
gactcaggcg	cctcagagct	attaccaat	ggggacttgg	agaagcggag	tgagccccag	300
ccagaggagg	ggagccctgc	tggggggcag	aagggcgggg	ccccagcaga	gggagagggg	360
gcagctgaga	ccctgcctga	agcctcaaga	gcagtggaaa	atggctgctg	cacccccaa	420
gagggccgag	gagcccctgc	agaagcgggc	aaagaacaga	aggagaccaa	catcgaatcc	480
atgaaaatgg	agggctcccc	gggcccggctg	cgggggtggct	tgggctggga	gtccagcctc	540
cgtcagcggc	ccatgccgag	gctcaccttc	caggcggggg	accctacta	catcagcaag	600
cgcaagcggg	acgagtggct	ggcacgctgg	aaaagggagg	ctgagaagaa	agccaagggtc	660
attgcaggaa	tgaatgctgt	ggaagaaaac	caggggcccc	gggagtctca	caaggtggag	720
gaggccagcc	ctcctgctgt	gcagcagccc	actgaccccc	catccccac	tgtggctacc	780